



**UCKLAND INSTITUTE AND MUSEUM  
ANNUAL REPORT 1991 – 1992**

# AIM Ann Report 1991 to 1992

This Annual Report is presented in a different format from those of previous years. We believe the new method of presentation will give our Members and the wider public a clearer idea of the many and varied activities at the Museum over the last year, and our plans for the period ahead. In addition, the larger page size means we have been able to make much greater use of photographs to convey a better picture of these activities.

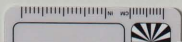
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For presentation to the Annual General Meeting  
to be held on 23 November 1992

*Cover Photos:* Deborah Smith

Annual Report  
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# AUCKLAND INSTITUTE AND MUSEUM

## ANNUAL REPORT 1991-92

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## Auckland Museum

Auckland Museum was founded in 1852. Since 1929 it has occupied the Auckland War Memorial Museum in the Auckland Domain. This is New Zealand's largest museum, with collections of Maori and Pacific art and material culture, natural history and the decorative arts which are of national and international significance. The Museum Library is one of the country's major historical and scientific reference libraries, with important manuscript and archival holdings. As the Auckland Provincial War Memorial Museum, the Museum provides a wide ranging museum service to the northern half of the North Island. The Museum attracts over 800,000 visitors to its display galleries annually. In addition, large numbers of users of the Museum come to consult its staff, examine and research its reserve collections and participate in its educational programmes.

The Council of the Auckland Institute and Museum is established under the Auckland War Memorial Museum Maintenance Act 1979 and the Rules of

the Auckland Institute and Museum as the controlling authority of the Auckland Institute and Museum. Under the Act the Council is empowered to levy the seven local authorities in the Auckland region for the maintenance, support and development of the Museum. These levies, with voluntary contributions from some additional local authorities throughout the Auckland province, provide some 60 percent of the Museum's annual operating income. The remaining funds come from the Museum's trading operations, from gifts, investments, grants and bequests and subscriptions from its 2,000 Members. Less than 0.01 percent of the Museum's operating expenditure is received in grants from the New Zealand Government.

The Museum's income and investments are administered by the Auckland Institute and Museum Trust Board, three of whose six members are appointed by the Council, with the other three elected by the Members of the Auckland Institute and Museum.





## A Museum for the Year 2000



In 1990-1991 the Council of the Auckland Institute and Museum undertook a Strategic Planning Study, to initiate longer term planning for the development of the Museum. The outcome of this was a Strategic Plan, adopted by the Council in July 1991.

Under the leadership of the Project Director, Dr Lindsay Sharp, Museum and Project staff and consultants have further developed the concept for the future redevelopment of the Museum, to restore the building and add an entire new section of themed attractions. The project, planned to cost \$41.6 million and to take eight years to realise, is an ambitious but essential one, which will guarantee the future of the Museum as a major Auckland attraction.

A report on the Project work was received by the Council in July 1992, and is now being considered by the Council in consultation with the local authorities in the region. The report is the result of thousands of hours work by staff and consultants to test all aspects of the initial Strategic Plan. It demonstrates that the concept set out in the Strategic Plan is both essential to the Museum's future well-being and relevance to the community, and financially viable.

There are two significant variations to the original Strategic Plan:

- A way has been found to house all of the collections on site rather than leasing off-site storage as initially envisaged, and
- The opening date has been extended by two years to the year 2000 as the appropriate year for the Museum to begin a new century of life.

The plan illustrates how comparatively little public investment (\$17.0 million) can be used to maximise the value of the existing building. When underwritten by the local authorities and coupled with a balanced element of pay and free displays, the Auckland Museum can utilise the new income

generated to support its debt. In the process, enormous value is added for the community.

Recognising that entry to the Auckland Museum has traditionally been free, apart from occasional special exhibits, the planning team has ensured that the Museum's free exhibit areas will receive a substantial upgrade in the quality of buildings and exhibitions and range of collections on display. In addition, the business plan can accommodate periods of time when access to the pay display areas is concessionary. In this way value is added for all the region's people, as well as for visitors and tourists.

By virtue of the careful planning, value is also added to the buildings and collections in terms of preservation and to the work of professional staff through improved facilities.

To make the plan work will require eight years of well directed labour: intense, timely and close consultation with tangata whenua, the local authorities and other relevant local groups; the development of a new "commercial" climate and organisational structure within the Museum; the addition of new skills and a new project implementation team; intense promotional and fund-raising efforts; and the seeking of corporate involvement in developing various commercial elements of the plan, through the tender process. In succeeding with the plan's implementation, very significant, direct benefits will be added to the economy of Auckland and the region.

At the end of this project, when New Zealand moves into the twenty-first century, Auckland will possess not only a magnificent restored building but the most significant cultural repository and experience in the country. It will contain exciting, interactive and educational displays and programmes. By building on the strengths of the past, bold decisions today will ensure the Museum's future growth, change and enrichment.

## The Year In Review

### Kiwi and Moa: Flightless Wonders

The display highlight of the year was Auckland Museum's own "Kiwi & Moa: Flightless Wonders", shown over the summer. "Kiwi & Moa" contained material from nearly all the Museum's collections, and items borrowed from other organisations and private individuals. The exhibition contained nearly 80 historical photographs, 11 rātīte birds and 9 eggs, sound and video tapes, living plants, some 60 "souvenir" kiwi items, plus paintings, sculpture, drawings, cartoons, badges, plaques and other examples of decorative art. The largest object in the exhibition was the Museum's own 1913 reconstructed moa.

"Kiwi & Moa" was a major undertaking for the Museum, involving staff from most sections of the Museum. We produced some 40 text panels, framed over 100 items and produced, among other things, replicas of moa bones and footprints. The exhibition was designed and coordinated by Display staff and drew much of its content and structure from Richard Wolfe's recent book "Kiwi - More than a Bird". The exhibition was promoted widely, with posters, newspaper advertisements, publicity releases and television and other media interviews.

The Museum developed a Kiwi Activity Centre for Children, the result of very close cooperation and intense work with the Royal Forest and Bird Protection Society, the Department of Conservation, the Kiwi Conservation Club and Point Chevalier Primary School.

The Activity Centre was designed by Jenny Rattenbury who, with other volunteers from Forest and Bird, painted and built it. The displays were primarily made by children from Pt Chevalier School who created displays and activities about kiwi conservation. Eighty children from the school and the Kiwi Conservation Club were trained by Museum staff members Brian Gill, Bruce Hayward and Katrina Stamp, and Dick Veitch of the Department of Conservation. The children were then rostered as guides for the duration of

the Exhibition and the Activity Centre programmes.

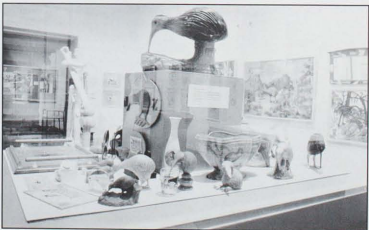
Other "Kiwi and Moa" activities included puppet shows, papermaking, kitemaking, sketching, music and stories, pottery and many others. An archaeology programme was developed in association with the Auckland Zoo. An open evening featuring the exhibition was one of the best attended and most successful ever held. The volume of activities and the wonderful public response stretched Museum staff and available space. Attendant and reception staff had many extra enquiries and organisational aspects to deal with during the holidays. The Royal Forest and Bird Protection Society provided volunteers to help run the Activity Centre, but because of its success, the Society also provided a fulltime person, Florence Hassall, to run the Centre. The Museum also employed an additional person on weekends.

The success of the Kiwi Activity Centre continues. The Royal Forest and Bird Protection Society organised sponsorship to tour the display around New Zealand - it visited Northland during May.

In all "Kiwi & Moa" attracted nearly 95,000 visitors, as well as the many thousands who participated in all the public programmes and the Kiwi Activity Centre. The Museum is very grateful to all those, staff, volunteers and community organisations, who worked so hard to make it such a success.



"Kiwi and Moa" exhibition





Reg Lockstone reading in "Globe Theatre Hangings"

## The American 'Invasion'

To commemorate the 50th anniversary of the arrival of American forces in New Zealand in World War II the Museum arranged a special display of photographs, memorabilia and artefacts from the collection, supplemented with contemporary music and film footage. The exhibition was installed in the Military History gallery, and was opened by the Minister of Internal Affairs, Hon. Graeme Lee.

The exhibition was prepared by honorary curator Mr Harry Bioletti, and coordinated, designed and installed by Museum staff. It consists of a series of wall panels illustrating aspects of the American presence in New Zealand during the war. This exhibition was the first to take advantage of a new series of display cases obtained for use in the Military History Galleries. Other improvements carried out to this section of the Museum were the lining of walls and the installation of spotlighting and a sound system.

The financial support for the exhibition from the New Zealand Lottery Grants Board, through its US New Zealand 50th Anniversary Committee, is greatly appreciated.

## Globe Theatre Hangings

Another very popular exhibition was the display of the tapestries designed and produced in New Zealand which are to be presented to the new reconstruction of Shakespeare's Globe Theatre in London.



"The American 'Invasion'"



The exhibition was the focus for more than forty public programmes, all of which were very well received. These included lectures given by the Wellington Shakespeare Society Globe Hangings Project Manager Dawn Sanders, Executive Designer Dr Raymond Boyce and Creative Director Kath Des Forges. The Auckland and North Shore Embroiderers Guilds organised embroidery demonstrations and tours. With the help of the Early Music Society, Auckland University Music School, Oriana Consort and Mr Reg Lockstone the Museum provided musical events and stories for children. An open evening for Museum Members featured demonstrations, music, Elizabethan dancing and readings from Shakespeare. The Ministry of Education filmed a special lecture and performance demonstrating how the hangings would have been used at the Globe Theatre. The video is to be part of an Education Unit expected to be distributed world wide.

## Other Exhibitions

"Japanese Dyed Textiles" in July was arranged for the Museum by Mr Kenji Sawada of the Tokyo International Exchange Association. "Footrot Flats", a celebration of the work of Gisborne cartoonist Murray Ball, was a popular attraction during the August school holidays. The Auckland Studio Pottery's 27th Annual Exhibition at Auckland Museum included work by Japanese Living Treasure, Mr Imaizumi.

The special exhibition 'Threads through Time' celebrated 21 years of the existence of the Embroiderers' and Lacemakers' Guild of Auckland. The exhibition focused on a comparison between contemporary examples of lace and embroidery techniques made by members of the Guild and historic examples from the Museum's collection. The Guild later also provided the majority of items for a display on domestic spinning, knitting and weaving in New Zealand during the two World Wars, "Knitting on the Homefront", shown in the Cheeseman Gallery. Another textile display was a selection of Ikat from the collection of the late Brian Brake, presented by Raymond Lau.

The prestigious "Fletcher Challenge Ceramics Award" is a growing annual event which has for the last two years occupied both the Special Exhibitions Hall and adjacent Auditorium. This year Museum display staff used these spaces

with modular bases to evoke the atmosphere of an ancient Mesopotamian ruin, an installation which attracted considerable praise. A Members' open evening held in association with the exhibition was very well attended. Members of Auckland Studio Potters gave guided tours while an Early Music Group "Estampie" played background music. A children's Pottery Day was organised also during the exhibition and the resulting work placed on display in a case outside the exhibition.

With the assistance of Exhibitor MDF and National Archives the Museum received a number of travelling exhibitions: "The Art of the Goldsmith: Robert Baines Jewellery"; "Art in the Subantarctic"; "Crete: A Tribute from New Zealand" and "Earth, Fire and Light: cast glass sculptures by Colin Reid". The Museum's own travelling exhibition of photographs of the Maori of the 19th and 20th centuries, "Whakaa-hua", continues to be in demand. This year the exhibition has visited a number of community facilities including Otara Cultural Resource Centre, Taupo Museum and the Massey Homestead.

For Conservation Week a special display was officially opened by the Minister of Conservation, the Hon. Dennis Marshall. The theme "Mighty Midgits and Tiny Tyrants" was the focus for displays produced in association with the Department of Conservation, the Auckland Branch of the Entomological Society, Auckland Zoo, the Royal Forest and Bird Protection Society, the Auckland Regional Council and the Ministry of Agriculture and Fisheries. The Museum displayed parts of its insect collections, and arranged a display of bronze insect sculptures by Elizabeth Thompson. Hundreds of visitors enjoyed displays, videos and lectures. Over 4000 copies of the Conservation Week booklet "Looking Under the Leaves" were distributed in two days.

The Museum held the inaugural Social Studies Expo in October, a display of work by Auckland primary and secondary schools. The theme for the exhibits was 'Challenge' and indeed it was a challenge for Museum staff to mount displays from 42 different school groups and take them down again within the space of one week! In the two school days the exhibition was open, over 2,000 children attended. Teachers from many parts of Auckland attended workshops at the Museum in conjunction with the Social Studies Expo.

Other changing displays have included one to mark the Centenary of the New Zealand Rugby Football Union; a display of new acquisitions provided by the Mackelvie Trust; the life and work of medallist and jeweller Anton Teutenberg; the 150th anniversary of the coining of the word "dinosaur" by Sir Richard Owen; and the updating of the Auckland Studio Potters display. The annual programme of displays in the Library included "Carl Schuster's Social symbolism in ancient and tribal art"; Abel Tasman; New Serials Titles; the Trevor Nash collection of Military Aviation Books; and "Nurhan Atasoy's Iznik, the pottery of Ottoman Turkey". The "Notable Accessions" case near the main foyer was put to almost constant use.

## The Museum and the Community

Auckland Museum has provided a wide range of tours, activities, events, talks, lectures, outings, demonstrations and performances during the year. Some of these took place in the Museum, others occurred out in the community. We mention here only a few of these activities.

**Music** As well as the musical activities already mentioned in connection with exhibitions, monthly concerts given by music students from Auckland University continued. Carol singing by the Oriana Consort took place around the Christmas tree in the Foyer.

**Maori Cultural Performances** The Maori group Pounamu Ventures, which performs every day in the



Music from the School of Music, University of Auckland



Children's holiday activities.

Fletcher Challenge Ceramics Award (Deborah Smith photo)







Pounamu Ventures perform in the Museum daily.



Fred Henare of Pounamu Ventures.

Spinning demonstration in the Foyer.



Museum, is part of the cultural group Te Waka Huia, which was the overall winner again this year at the Aotearoa Festival of Maori Art. The many visitors to the Museum who have enjoyed the performances here can be confident that they are seeing the very best. Under the leadership of Ngapo 'Bub' Wehi, Pounamu Ventures is now in its sixth year of working at the Museum.

**Demonstrations** Regular spinning demonstrations were given by members of the Auckland Handweavers and Spinners Guild. This activity creates a good deal of interest from both local and overseas visitors. Special thanks to Catherine Kraak who has been coordinating the spinners.

**Student Activities** The Museum once again provided a programme for the Fletcher Challenge Science Summer School and six groups of students visited the Museum. Julia Gresson, Karel Peters, Jenny Riley, Brett Stephenson and Anthony Wright all provided special programmes. Feedback has been extremely positive.

The May holiday programmes for children were filled to capacity. All the programmes were held in association with community organisations. Our thanks to Auckland Studio Pottery, Handweavers and Spinners Guild and Auckland City Library.

**School Programmes** New programmes are continually being developed by the Education Officers to meet the requirements of individual teachers and classes. The classroom is used mainly as a discovery learning centre. Audio-visual aids and artefacts or replicas are used in every session and help to give focus to the gallery displays.

Some recently developed activities are the use of microscopes for studying insects; sorting and matching bones; sequencing items from first to last stages of manufacture; exploring midden material; and various problem solving activities.

Tertiary educational groups from the Auckland College of Education visited the Museum for workshops in both Social Studies and Geology. Early Childhood Education trainees had introductory talks and tours, in preparation for conducting their own pre-school programmes. Education staff continue to conduct staff meetings and school visits when requested.

**Lectures** The Institute Lectures were well attended and included a wide range of speakers: Dr Tom Clarkeson, Meteorology Department, DSIR; Dawn Sanders, Wellington Shakespeare Society; Sir Denys Wilkinson FRS, 1991 Rutherford Fellow; Dr James Belich, 1991 Captain James Cook Fellow; Dr Brian Gill, Auckland Museum; Geoff Moon, author and photographer; Dick Veitch, Department of Conservation; N.A.C. Macmillan, author; Wilson Whineray, former All Black Captain; and Dr John Hearnshaw, University of Canterbury.

The Archey Lecture for 1991 was presented by James Higgins, Director of the Government Audit Office. Mr Higgins, an expert in information technology, also gave a seminar for teachers following the lecture.

As well as the regular Institute lectures for Members, the special Archaeology and Geology Lecture Series were most successful. Each series consisted of three lectures and associated trips, all well attended.

Organisations and groups to whom lectures and talks were given include: third year Botany students at the University of Auckland; Auckland and Waikato Botanical Societies; Forest & Bird Kiwi Conservation Club; Auckland University MA History and Maori Studies students; Victoria University of Wellington Diploma of Librarianship students; the Aronui Group; Auckland Garden History Society; Wellsford Genealogy Group; Warkworth Genealogical Society; Te Rapunga O Poutama; Helensville Genealogical Society; and the Auckland Numismatic Society.

Several groups of tertiary students have studied ethnology reserve collections, especially university Maori and



Polynesian art classes, various Institute of Technology art and design classes from Auckland and Gisborne, and librarianship students from Victoria University, Wellington. Roger Neich gave two lectures to A.I.T. design students on European influence in Maori and Samoan arts.

## Our Volunteers

Every year, volunteers give the Museum thousands of hours of their time. Without this invaluable contribution, the Museum's work in very many of its areas of activity would simply not be possible. The Museum expresses its very deep appreciation of all this voluntary effort.

The Museum's Volunteers are listed in the Museum staff list. The results of their work are referred to in various parts of this Report.

**Volunteer Guides** It has been a very busy year, with Volunteer Guides contributing some 3,500 hours work, or the equivalent of more than two full time staff. There were approximately 200 organised tours and over 1000 individual diary entries by Guides. Of those tours specially organised 70% were for overseas tourists and 66% specifically requested tours of the Maori Gallery with 15% of that number attending the Pounamu Ventures performance.

The Volunteer Guides continue to meet for regular monthly training sessions, with talks from Museum staff and others specialists in various fields.

John Hammond prepared a display which outlined the role of the Volunteer Guides at the Auckland Museum, which was part of a major one day exhibition recognising the work of Volunteer groups in the Auckland area. A gallery maintenance check group was formed during the year and is fondly referred to as the 'Gallery Guerillas'. Pat Green, a Volunteer Guide, has been a valuable member.

## The Museum Building

This year's programme provided for work that was essential for the health and safety of Museum visitors and staff, for the continuing protection of the Museum building and its contents, for the better care of the Museum's collections, and for the improvement of its visitor services.

A major area has been fire safety and

fire egress planning. This results from advice by the Auckland City Council that upgrading of the Museum's fire and egress provisions was required. A report presenting engineered solutions to meet these requirements has been adopted and is being progressively implemented. The solutions take cognisance of the need to protect significant heritage elements of the building as well as meeting the requirements.

The detailed planning has also involved general security issues and consideration of future development options. Careful attention has been given



Children's holiday activities



Some of the Museum's Volunteer Guides.

to ensuring that where this work may impact on the future development of the Museum resources will not be wasted.

Associated with this work has also been the removal of the marine collections stored in isopropyl alcohol, a medium which was viewed as a potential fire hazard. An off-site property has been leased to accommodate these collections.

Research has continued into the conservation, repair and cleaning of the internal and external wall surfaces of the World War I Hall of Memory. A conservation assessment has also been undertaken of the stained glass windows in this Hall.

The staged replacement of the Museum's roof has continued including the major front roof areas of the Military Galleries, Botany and Bird Halls. New PABX telephone equipment was installed as the Museum's telephone requirements had outgrown the existing system.



### Caring for the Collections

Improvement of the conditions of storage and public access to the Museum collections is a major thrust of the Museum Development Project. Museum staff have been involved in a great deal of detailed research and planning related to the collections, their contents and their needs to guide the Project in this respect. At the same time, the steady programme of upgrading which was begun in 1987 has continued. Throughout the programme, great care has been taken to ensure that if necessary furniture, equipment, fixtures and fittings can be relocated in the future redevelopment of the Museum.

The improvement of storage facilities has included Archaeology, Maori cloaks, Ethnology, Ornithology and Applied Arts. Airconditioning to achieve optimum conservation standards has been installed in the cloak and furniture storage areas while planning for the photographic negative collection is now complete.

There has also been a major re-organisation and maintenance work undertaken in the Library. An important development has been the provision of cold and cool room storage for sensitive negative collections. Although an only relatively short-term solution to the Li-

brary's spatial requirements, these improvements have significantly upgraded photographic storage conditions, created more efficient work areas for staff and volunteers, and enabled some reorganisation of publications storage and public service areas to assist Library users.

All this work on the collections has placed a heavy demand on the Museum's conservators. Their advice and input into both the planning and the implementation of many of the storage developments have been of great importance. In particular, the various new storage projects meant many hours of research into appropriate materials, systems, availability, prices and ordering. Planning the design of the cloak storage cupboards, and monitoring their manufacturing standards took a lot of time. The end result is a cupboard made to the highest conservation standards.

**Applied Arts** Much time during the year was given to collections management and updating the accessioning backlog. Work on a collection inventory also began, focused first on the furniture. Preliminary computerisation of the Colonial and Miscellaneous Registers was carried out in response to the need for statistical information about the collections. Photographic recording of the collection continued with the completion of the New Zealand commercial ceramics collection and the taking of selected colour slides of all the collections.

The installation of the airconditioning unit in the furniture store was carried out during the year and has now enabled the control of temperature and humidity in that space. New storage cabinets for the glass and metalwork collections were also installed.

**Archaeology** The major task this year has been moving collections into the new store. The re-organisation of the collections for easy management and accessibility is now being carried out.

**Botany** Almost one quarter of the herbarium collection has been entered onto the AKILLES electronic database in the three years since the databasing project began. The reboxing and relabelling of the non-native vascular plant collection to relieve overcrowding was completed, involving 2,560 boxes holding some 90,000 specimens.

Once again the herbarium has benefitted from temporary or part-time

New storage cabinets for the Maori cloaks.



staff on Lottery Board funding: Marcel Smits during study breaks has labelled the entire backlog of New Zealand lichen specimens and checked several thousand moss records prior to their databasing; Antoinette Nielsen, working part time since November, has entered thousands of specimens onto AKILLES; Rhys Gardner, part time, has coded backlog vascular plant specimens for entry onto AKILLES; Warren Buckingham spent six weeks curating backlog lichen specimens and Margit de Man completed entering data for backlog specimens of native orchids and part of the fern collection.

All the mounting of new specimens has been undertaken during the weekly voluntary attendances of Joan Dow, Chris Mackinder, Meryl Wright and more recently Kay Haslett. Rhys Gardner has continued voluntarily to incorporate the new vascular plant specimens into the herbarium and to assist with difficult plant identifications. Wendy Patterson, since April, has twice weekly voluntarily assisted in proof reading new AKILLES-generated moss labels.

**Conservation** 106 objects from the Museum's collections were treated, mostly from the Ethnology collections. As part of the Ethnology storage project, each object is individually examined before packing, and those objects in need of immediate treatment before placing them in the new storage areas are being treated as time allows. There is an immense backlog.

The Hotunui project is progressing very well indeed. All the poupou of both long walls of the House have been treated. They look splendid and frequently attract favourable comments from visitors. Work is now in progress on the back wall, where the epa, heketipi and tukutuku panels have been removed in order to install moveable scaffolding around the massive pouhau which has to be worked on in situ. Because of its size and function it cannot easily be moved.

**Entomology** Renovation and refurbishment of the Entomology offices and collection storage rooms was completed and the department moved back from temporary accommodation in the display galleries. This has provided much better collection storage facilities and the opportunity for rearrangement of parts of the collection.

The entire alcohol collection was reorganised, labelled, and identified specimens arranged systematically. Specimens are now more readily accessible and available for research. Primary type specimens have been isolated from the main collection, stored separately and catalogued. Several were re-mounted on modern stainless steel pins from their original rusty pins which posed a threat to the specimens. It is pleasing to report discovery of several 'cryptic' type specimens whose whereabouts were hitherto unknown and which were presumed to have been lost.

Work on the backlog of unsorted and unidentified specimens involved identification and incorporation into the main collection of all New Zealand Odonata (dragonflies and damselflies) and Blattodea (cockroaches). The Hymenoptera (ants, bees & wasps) have been partially sorted.

Four new insect cabinets have been ordered and will be used to accommodate the remainder of the historically valuable C.E. Clarke Collection not yet transferred to modern cabinets. The original cabinets are unsatisfactory for the continued conservation of the specimens on account of the highly acidic microenvironment produced from the oak and cork used in their construction.

**Ethnology** An air conditioning system has been specially designed and installed in the Maori cloak storeroom. Twenty Maori cloak storage cabinet modules are now in place, ready for the first cloaks to be transferred into them. These cabinets are the result of much design work and testing by Conservation and Ethnology departments. Several other museums around the country are now installing cloak cabinets built to this design. A further forty modules will be ordered to hold the total Maori cloak collection in easily accessible, climate controlled storage.

Sorting and packing of the ethnological collections temporarily stored in the Geology gallery has been progressing steadily. New metal mobile shelving has been installed in the new small artefacts storeroom and Ethnology assistant Olwen Morgan has been transferring items into specially-designed boxes to go on this shelving. Rolling of all the Pacific barkcloth is well advanced in preparation for a new storage system complemented by full photographic coverage of this collection.



Conservation technician John Tepu at work in Hotunui.

New offices and storage of the marine staff and collections.





Librarian Janice Chong helps a reader.

Approximately one third of the smaller artefacts have been packed into new polypropylene boxes and transferred into the new small artefacts store. The Pacific pottery, Maori bags and piupiu and Pacific stone material are now housed in a new storeroom off the Fish Gallery. Extra shelving and metal screens have been installed in the Maori carving store to hold the digging sticks and fishing equipment. Volunteer Leith Watt continued cataloguing the colour slide collection and produced an inventory of Taranaki district Maori artefacts. The artefact subject cards have been re-organised and housed in new metal filing cabinets. The inventory of the ethnological collections is continuing as sections of the collections become accessible.

**Land Vertebrates** The office and collections were shifted back from temporary accommodation in a closed-off gallery to the refurbished area. A major rearrangement of specimens was effected within the new storage units. The New Zealand bird skins are for the first time arranged in one taxonomic sequence.

**Library** Library collection and staff work area upgrading began in November with the aim of creating more space for collections and an improved staff and volunteers work area. Some 200m of books and 43m<sup>3</sup> of newspapers were moved offsite and 963m of books and journals and 350m of shelves were moved internally. This rationalisation of collection space has provided an average 35% increase in shelf space for our five largest collections: the general collection and New Zealand collec-

tion of books; New Zealand reserve; and the general collection and New Zealand collection of serials. New staff and volunteer workstations were built and now staff can work alongside the Library's 18 regular volunteers. As well, the public areas were redesigned; a new reference desk installed; all catalogues moved; a Family History Centre established; and 'new books' and 'current serials' display areas created. This work represents the most comprehensive review of the Library's layout since its move to the 1960 building.

The Library installed its expanded computer network during the reorganisation. Staff now have seven terminals and can input or search six databases, and print using 38 report formats. Database design has been the responsibility of Eddie Sun. During the year he designed three further special collections databases - those of cartographic materials, paintings and drawings, and photographs. The catalogue database which was begun in October 1990 now contains some 3900 records.

Arrangement, description and processing of manuscripts and archives collections has been a focus during the year. Eddie Sun has supervised the work of volunteer John Bellingham who has completed almost fifty groups of papers and records including: Johannes Andersen; Sir Gilbert Archey; the Rev. Vicesimus Lush and family; the Auckland Choral Society; and Samuel Vail and Sons. Other collections processed include the records of: Auckland Studio Pottery; Auckland Play Centre Association; Auckland Unitarian Church; Nicholson Gribbin; burials of United States Servicemen from the firm of William Morrison; and the papers of John Mitchell and Henry Abbott Mair.

Another focus has been the cataloguing of the Sacred Text collection by Janice Chong. The collection which comprises some 230 items, has been extensively indexed so that items can now be easily traced by donors, their family members, and family historians alike.

Barbara Spiers continued work on sleeving glass and plastic negatives in archival envelopes. 895 whole and plate negatives have been processed.

In 1984 the Museum received 166 half plate glass negatives by Harry Ockenden, who appears to have worked as an itinerant photographer in Auckland city and suburbs in the first decade of the century. Most of the negatives

Rosemary Gilbert and John Early at work on the insect collection.





that survive depict houses and school groups in Ponsonby, Mt Eden, Newmarket and Epsom districts. The negatives were in a very degraded condition with much damage to the photo emulsion by heat and moisture.

Gordon Maitland, the photograph Librarian, considered that duplication was the most suitable way of ensuring preservation of the images and providing access for researchers. Photographic prints have been made from each negative and copy negatives made from the prints. Research into Mr Ockenden and his subjects continues.

A major three-year conservation project is almost completed which will enable access to the Library's nine Charles Heaphy sketchbooks while ensuring their continued preservation. The first phase of this project undertaken by Michael Wheeler, Conservator of Works on Paper at the Auckland City Art Gallery, concentrated on the three large sketch books. The 68 works on paper have been disbound, treated, matted, photographed and housed in protective Solander boxes. The second phase involved the remaining six small sketchbooks which are too fragile to permit frequent access. A complete photographic record has been made of these by the Art Gallery Photographer, John McIvor. A complete set of colour prints has been mounted in display albums to be issued to readers in place of the originals. Funding the Heaphy preventive conservation project was assisted by a subsidy from the Cultural Conservation Advisory Council.

**Marine Biology** Redevelopment of the offices and storage areas has entailed shifting and relocating the collections. All non-molluscan marine invertebrates have been re-organised in the new facilities adjacent to the Mollusca. Fish wet collections were completely transferred to an off-site store for fire safety reasons. The off-site store provided additional area for collection growth, as well as the immediate needs for new modular shelving and additional stainless-steel tanks.

A comprehensive effort to find an improved preservative for marine animals, based on aldehyde/glycol mixes, is under investigation. Associated with this programme is an endeavour to establish baseline pH and buffer response information for various marine phyla.

**Marine Invertebrates** The department moved back into its refurbished

quarters during the year. Most work on the collections has centred around a programme to combine and rationalise the formerly separate Museum and Powell collections of Mollusca. This has proceeded well with the assistance of five temporary technicians and a band of volunteers from the Museum Conchology Section. By the end of June, 60% of the collections had been reboxed in systematic order and shifted into the new storage facility.

## Researching the Collections

Research is a fundamental part of the work of every Museum. Auckland Museum has a long-standing reputation for the quality of research carried out by its staff, or carried out on the Museum collections by other people. As the demands of collection care and management increase, together with the growing responsibilities the Museum has to serve the community, there is a danger that insufficient time and resources will be devoted to research work.

A survey of research at the Museum was undertaken during the year. This revealed that while a considerable amount of valuable research was being undertaken, most of it was being done out of hours, in the staff's own time, and with minimal resources. There is a need to ensure that research continues to be given adequate importance at the Museum.



Library volunteers enjoy the improved conditions in the workshop.



Library Volunteer Sarah Boyd-Bell prepares boxes for photograph storage.

Library Readers







The Ockenden Photographs are being copied to rescue images which have deteriorated over the years.



The Museum's rich collection of watercolours and sketches by Charles Heaphy is now well housed.



Having said that, there has been a lot of research work undertaken. The *Records of the Auckland Institute and Museum* Volume 28 was published on 20 December 1991 with papers on Archaeology and Ethnology by Louise Furey, Anne Leahy, Roger Neich, and Caroline and Roger Green; Botany papers by Bruce W. Hayward, Anthony E. Wright and Glenys C. Hayward; and Jessica Beever; and a Zoology paper by K.A.J. Wise. Appreciation is recorded to Editors Brian Gill and Nigel Prickett.

**Applied Arts** The development of the New Zealand Crafts Index was continued with the input of data by volunteers Len Stanners and Sarah Montreal. The Index now records the activities of 6,047 New Zealand craftspeople, manufacturers and designers operating during the 19th and 20th centuries. The Index has become a vital resource for research and acquisition. Justine Olsen contributed two articles to *New Zealand Home & Building* magazine, on her Churchill Fellowship study at the Cooper-Hewitt Museum, and on the history of New Zealand silver. Stuart Park completed research on the banks, bank notes and cheques of the Maori Kings Tawhiao and Mahuta.

**Archaeology** Fieldwork included a two week excavation at Queen's Redoubt, Pokeno, in February, funded by the N.Z. Historic Places Trust. In a related project the N.Z. Lottery Grants Board funded aerial photography of sites of the opening phase of the Waikato Campaign. Other fieldwork was carried out in Queen Charlotte Sound as part of an Offshore Islands Research Group expedition. Particular attention was paid to sites with Cook associations and to World War 2 coastal defences.

Analysis and writing-up involved the 1988 Raupa and Queen's Redoubt excavations and the archaeology of Hawkes Bay shore whalers. Louise Furey has had a half salary funded by the Lottery Grants Board to catalogue and write-up the Oruarangi collection held in large part in the Auckland Museum. Short articles were published by the *N.Z. Herald* on the Ohaeawai and Ruapekapeka models in the museum, and on 19th century coin caches recently dug up in central Auckland. Four papers were prepared by Nigel Prickett as Human History editor for the Museum *Records*.

**Botany** Fieldwork and collection of herbarium specimens were carried out by Anthony Wright on expeditions to

Tangihua Ranges and to Tongariro (organised by the University of Auckland), Marlborough Sounds (Offshore Islands Research Group), Whangaroa (Auckland Botanical Society), as well as the regular monthly field trips of the Auckland Botanical Society. Ewen Cameron carried out two one-day field trips to southern Woodhill Forest and Whangapoua Estuary on Great Barrier Island for the Department of Conservation.

In October and November Dr Rhys Gardner carried out field work and collected 277 vascular plant specimens on Waya Island in Fiji while contributing to a dictionary of the Western Fijian language.

The very large number of incoming loans (2521 specimens) primarily reflects the studies of two researchers based at the Museum: Dr Barbara Parris who is preparing a world-wide monograph of the fern family Grammitidaceae, and Bruce Salmon who has started a review of the taxonomy and distribution of New Zealand sundew (*Drosera*) species.

**Entomology** Research associate Keith Wise presented a paper on the distribution and zoogeography of New Zealand Megaloptera and Neuroptera at the Fourth International Symposium on Neuropterology in France; the paper was published in Volume 28 of the *Records of the Auckland Museum*.

**Ethnology** In collaboration with Russell Beck, Director of the Southland Museum, Dr Neich has written an illustrated article on Maori jade to be published in the prestigious art history magazine *Marg*, published in India. An essay by Roger Neich on Jacob Heberley has been accepted for volume II of the *Dictionary of New Zealand Biography*. Dr Neich also selected the illustrations for the *Proceedings of the Taonga Maori Conference*, published by the Department of Internal Affairs. Roger Neich obtained a lottery science grant of \$8,000 to assist the publication of his book on Maori figurative painting by Auckland University Press.

Roger Neich made short fieldtrips to Gisborne and the Bay of Islands to consult with Maori elders and authorities regarding the publication of marae photographs in his forthcoming book on Maori figurative painting.

**Land Vertebrates** Brian Gill completed research papers on the ecology of Shining Cuckoos, and on the population dynamics of Whiteheads on Little

Barrier Island. He continued research on the diet and reproduction of cuckoos and pigeons as revealed by autopsy, and refereed two scientific papers for outside organisations. He spent 3 weeks in Western Samoa surveying reptiles and birds and collecting reptiles. A report was written for the Western Samoan government.

**Marine Biology** Three principal research projects are under way. Staff are investigating pH and buffer responses of improved Aldehyde/Glycol with long term preservative use for different marine phyla. Ellen Jensen of Auckland University is assisting with the support of the C. H. Worth Memorial Fund to provide histological information relating to trial material. Brett Stephenson's study of seasonality of sub-tidal seaweed-in-fauna has involved collecting from the Bay of Islands, Whangaruru Harbour, Matai Bay, and Piha. The study relates particularly to the distribution of isopoda by seaweed types. Continuing reviews of bottom living and burrowing faunas have focused on assembling raw data. Field work was completed in Auckland Harbour and along northern coasts.

**Marine Invertebrates** Two research projects supported by the Foundation for Research, Science and Technology have been completed: Foraminiferal associations from Pauatahanui Inlet, by Bruce Hayward and C.M.Triggs; and New Zealand brackish water foraminifera, by Bruce Hayward and Chris Hollis. Other completed research projects are: Foraminifera from Helena Bay, Northland, by Bruce Hayward; Prehistoric sites on the Poor Knights Islands, by Bruce Hayward; Lichens of South-east Stewart Island, by Bruce Hayward and H.T. Lumsch; Fossils from northern Hunuas, by Bruce Hayward and Mike Eagle; Sedimentary history of Northland Basin in early Miocene, by Bruce Hayward; and Late Cretaceous and Paleocene radiolarian biostratigraphy of NZ, by Chris Hollis.

Fieldwork included Marine macrobenthic invertebrates studies in Orakei Basin, Bay of Islands, Queen Charlotte Sound, Waimamaku Estuary and Whangape Harbour, by Bruce Hayward, Jenny Riley and Chris Hollis; Modern foraminifera and sediments from upper Waitemata Harbour, Whangape Harbour and Oparara Lagoon, by Bruce Hayward, Jenny Riley and Chris Hollis; Miocene fossils from Waitakere Ranges, Hunuas and South

Hokianga, by Bruce Hayward and Mike Eagle; Mesozoic fossils, by Bruce Hayward and Mike Eagle; Quaternary volcanoes in South Auckland and Kaikohe, by Bruce Hayward; Lichens from Queen Charlotte Sound and Mt Karioi, by Bruce Hayward; and Prehistoric stone structures from Mt Karioi, by Bruce Hayward and Nigel Prickett.

## Promoting the Museum

The Museum, its services and its programmes have continued to be promoted to the residents of greater Auckland and to visitors from elsewhere in New Zealand and overseas. During the year market research was undertaken to assist planning for the development project. This information proved useful in identifying visitor and non-visitor attitudes to and interest in the Museum and its services. The Museum participated in a Queen Elizabeth II Arts Council survey which also provided valuable data.



Howick Intermediate School children enjoy a lesson in the Museum.

Excavations at Queen's Redoubt, Pokeno.



A wide range of promotional activities was employed including print and electronic media advertising; press releases and media events; banners; brochures and letters; programmes and special events; talks to groups about the Museum's purpose, work and collections; as well as news and special interest articles and programmes. Four copies of the *Museum News* were published. In addition the Museum has been involved in organisations such as the Auckland Chamber of Commerce and Tourism Auckland to promote its services to the corporate and tourist sectors.

The Museum has also had opportunities for international exposure of the

A foraminifer from a Northland estuary, collected as part of Bruce Hayward's and Chris Hollis' study on New Zealand foraminifera.





collection, exhibitions and facilities through film and publications. Film crews from Japan, Taiwan, Korea, and the United Kingdom have made promotional films on New Zealand which have included aspects of the Museum building, exhibitions and collections. This type of activity illustrates the contribution that the Museum makes to the tourist attractions of the Region and as a resource to promote New Zealand internationally.

Approval for photographic reproduction of the Museum, its displays or collections was given on 95 occasions during the year; permission was withheld on 5 occasions.

### Liaison with Other Museums

Professional training workshops were organised for museum staff from the northern North Island on preventive conservation, registration and marketing. Several Auckland Museum staff were involved in these workshops. There were also four regional meetings of museums in the Northland, Auckland and Bay of Plenty - Waikato - King Country regions.

Advisory reports were written for the Taupo and Paeroa Museums, and assistance provided to the Whakatane Museum in the development of museum and collection management policies. Te Amorangi Museum was assisted in organisational development and the Society for the Preservation of the Kerikeri Stone Store Area in developing a historical information centre.

Assessments were made of ten applications to the Lottery Grants Board for funding, in addition to a number of enquiries which were not pursued further.

Museums Liaison Officer John Coster made 71 visits to 58 museums and related institutions, including private collections. Contact has been established with five recently established museums and enquiries received about three proposed new museums. The Museum's Conservation staff assisted 10 museums and institutions with conservation advice. A substantial conservation report was prepared on Maori artefacts on display in Mansion House on Kawau Island. The condition of the objects loaned to the Waitangi Trust Board was inspected. Applied arts objects were loaned to three museums.

Library staff provided advice and assistance to three museums. The annual Library exchange programme provided 265 copies of the *Records* to exchange partners.

Julia Gresson organised and conducted a preventive conservation workshop in Niue, under the sponsorship of the Ministry of External Relations and Trade, and UNESCO. Those attending were employees of government departments and the Huanaaki Cultural Centre in Niue who have in their care archival records, books and museum objects. The emphasis was on basic 'Hands on' conservation work, like paper and tapa repairs, insect and mould control, storage and disaster preparedness.

Auckland Museum is grateful to the New Zealand Lottery Grants Board for the subsidy it provides on the costs of the Liaison Service of the Museum.

### From The Sections

As well as the links the Museum has with a wide range of community groups, there are three organisations which are "Sections" of the Auckland Institute and Museum, reflecting its place as the Auckland Branch of the Royal Society of New Zealand.

**Auckland Astronomical Society**  
The past year has been a busy and active one, with Society members working together with purpose, enthusiasm and a sense of camaraderie. A number of members who to some extent have been 'inactive' over the last few years have been making their presence felt again. An increasingly closer relationship between the Society and the Trust Board has also been very evident. The recent programme of renovations at the Observatory is complete. The financial deficit of 1990 was turned around to a surplus last year; however, the national economic climate was reflected in slightly disappointing attendances.

1992 marks 70 years since the formation of the Auckland Astronomical Association affiliated to the Auckland Institute and Museum in 1922. It is also 25 years since the opening of the Observatory in 1967. Much has changed in our understanding of the Earth, the Solar System and the Universe over the years. Space flight and exploration of the Moon and planets were still in the realm of science fiction. Modern professional observatories, satellite-borne



Museum display cases for loan to schools.

equipment and computers have revolutionised astronomy.

**Conchology Section** There have been good attendances at the meetings at the Museum throughout the year. It has been a full and enjoyable year: new members or visitors are welcome at the meetings on the 2nd Tuesday of the month in the Museum.

Club members have been active in helping Museum staff in cleaning and cataloguing the Museum's collections of shell specimens. There is a very close relationship between Museum staff and club members in this area. The club hopes to continue this participation in the current year. Thanks go to Museum staff for their ongoing help and assistance to the club, particularly Bruce Hayward, Brett Stephenson and Jenny Riley.

One edition of *Poireria* was compiled during the year, thanks to the effort of Ian Scott and Bruce Hazelwood.

**Auckland Maritime Society** The Society has had a good year, with the problems over meeting venues being solved. Attendances have settled down now that the Society has returned to using the Seafarers Centre, in Quay Street, which has been renovated, and with improved seating, makes for a comfortable meeting facility. There has been a varied and interesting range of talks, from both our own members and visiting speakers.

The now very popular photographic competition for members was won by Mike Pigneguy. The winning photograph was later published in the Auckland Maritime Museum magazine, *Bearings*. Our harbour trip during the year was on 'Navy Day' aboard the tender *Hauturu*. We were grateful for the gift of a number of books, albums and over 2000 slides from the collection of a recently deceased member.

Committee members have contributed to most evening meetings and have been engaged in research to answer numerous questions and other enquiries that are sent to us, and a monthly newsletter continues to be printed.

## Museum Facts and Figures

### Attendances

A total of 809,871 people visited the Museum's displays during 1991, while many more made use of its other facilities for education, research or enjoyment. Although this represents a small decrease from the previous year, with its special 1990 attractions, Auckland Museum continues to be the most popular visitor destination in Auckland.

For the period May 1991 - May 1992 numbers of school children visiting in museum classes were as follows (these figures do not include accompanying adults):

Secondary	7,163
Intermediate	7,982
Primary	15,839
Tertiary	817
	31,801
10% unbooked	3,180
<b>TOTAL</b>	<b>34,981</b>

### Gifts, Grants and Bequests

The Museum continues to receive strong support from corporate bodies, government agencies, community organisations and individuals by way of gifts, grants and sponsorship.

The New Zealand Lottery Board made its largest ever grant to the Museum during the year. The grant of \$374,365 was to support the final phase of the programme of maintenance and development of the Museum, initiated by the Museum Council in 1987. The Board granted \$44,185 towards the salary and expenses of the Museums' Liaison Officer. Through the US New Zealand 50th Anniversary Committee, the Board made a grant of \$10,000 in support of the "American 'Invasion'" exhibition. Other Lottery Board grants were made to: Bruce Hayward - \$20,000 for curation of Powell molluscan collection; Roger Neich - \$8,000 to assist with publication of a book on Maori figurative painting; Nigel Prickett - \$9,000 for aerial photography of Waikato War sites and \$30,000 for analysis of Raupa material; and Anthony Wright - \$30,000 for a register of botanical type specimens and \$20,000 for continuing the databasing of the herbarium backlog.

The newly established Foundation for Research, Science and Technology approved a grant of \$44,000 in support of research into foraminifera being undertaken by Dr Bruce Hayward. The New Zealand Historic Places Trust provided \$7,660 in support of Dr Prickett's excavations at Queen's Redoubt.

A most generous bequest from the late Mrs T I Whitney provided some \$180,000 for the Museum, and the late Lady L Y Manchester bequeathed \$5,000. Both bequests are greatly appreciated.

The Disney Art Trust established by the late Charles Disney has been an invaluable source of funds for the

purchase of objects for the Applied Arts collections, and this year provided \$96,158. The Sir John Logan Campbell Residuary Estate granted \$10,000 for the improvement of the storage of the Ethnology Collection. The Museum of New Zealand Te Papa Tongarewa granted \$1,000 for the purchase of museum studies books for the Library. The Department of Internal Affairs granted \$7,000 to assist with the administration of the Antiquities Act. Readers Digest made a grant of \$1,000.

Members contributed \$1,633 towards the Members' Library Purposes Fund and \$700 to the Collections Purchase Fund.

### Local Authority Contributions

Voluntary contributions and statutory contributions under the Auckland War Memorial Museum Maintenance Act 1979, as amended, were received from the following local authorities.

#### Statutory

Auckland City Council	1,983,704
Franklin District Council	144,085
Manukau City Council	845,259
North Shore City Council	812,136
Papakura District Council	131,240
Rodney District Council	184,387
Waitakere City Council	450,129
<b>Total</b>	<b>4,550,940</b>

#### Voluntary

Far North District Council	-
Hamilton City Council	-
Hauraki District Council	950
Kaipara District Council	-
Kawerau District Council	500
Matamata-Piako District Council	1,500
Opotiki District Council	-
Otorohanga District Council	1,000
Rotorua District Council	-
Ruapehu District Council	-
South Waikato District Council	-
Taupo District Council	-
Thames-Coromandel District Council	500
Tauranga District Council	-
Waipa District Council	-
Waitomo District Council	-
Waikato District Council	10,000
Western Bay of Plenty District Council	-
Whakatane District Council	2,250
Whangarei District Council	-
<b>Total</b>	<b>16,700</b>



## Museum Statistics

During the year detailed collection inventories have been prepared in connection with the Museum Development Project.

This work documents the collections as comprising 2,728,408 objects, with an estimated replacement value in excess of \$559 million. Collections currently occupy 4,184 m<sup>2</sup>. With more efficient storage systems, it is estimated this area could be reduced to 3,611 m<sup>2</sup>, typically stored to a height of 2 metres. Adequate collection management work space, however, requires an additional 1,600 m<sup>2</sup>.

It is estimated that over 720,000 objects require the attention of a conservator, involving 340 person years, at an estimated cost of over \$15 million. Less than 50,000 objects have been registered electronically; an estimated 148 person years are involved to provide basic electronic registration, at a cost exceeding \$5 million.

Based on present growth rates, over the next 25 years the collections will grow from 2.7 million objects in 1991 to 4.7 million in the year 2017.

### Applied Arts

Loans out (to 3 institutions)	19 items
Speaking engagements	13
Public enquiries	134
(excluding telephone enquiries)	
Volunteer input	1,815 hours

### Botany

12 months	(1990-91 15 months)
Accessions of numbered herbarium sheets	
30 June 1992	206,806
30 June 1991	202,186
Increase	4,620 (11,529)

### Records on AKILLES electronic database

30 June 1992	47,502
30 June 1991	31,981
Increase	15,521 (22,869)

### Exchange specimens

Outwards 142 specimens to 2 herbaria	(724 to 9)
Inwards 307 specimens from 6 herbaria	(1,184 from 6)

### Loans of specimens

Out 38 [1,185 specimens]	
to 19 herbaria	(53 [3,182] to 21)
In 23 [2,521 specimens]	
from 10 herbaria	(18 [1,558] from 11)
Total number of specimens out on loan	4,856 (4,445)

### Conservation

Volunteer input exceeded	500 hours
Speaking engagements	6
Public enquiries	450
Exhibitions condition reported	18

### Community Education

Speaking engagements	36
Public enquiries	1,125

### Entomology

Loans	
outwards	6 (133 specimens)
inwards	12 (317 specimens)

Specimens added:	
Gifts	324
From public enquiries	32
Field work	300

The number of 656 specimens added to the entomology collections is well down on average. This reflects the low level of collecting due to the upheaval of the collection and the retirement of Keith Wise.

Identification requests	37
Telephone enquiries	150
Visitors to Department	36

### Ethnology

New acquisitions	264
Outward loans	over 50
Antiquities Act 'Y' artefacts	1,149

Discussions with five separate Maori groups and individuals regarding the deposit for safekeeping or the return of artefacts.

### Land Vertebrates

Newly-prepared specimens	164
Records on electronic database	6,340
(an increase of about 2,000)	
Visiting researchers	19
Identifications for police or court	4
Speaking engagements	12
Volunteer input	392 hours

### Marine Biology

Accessions/EDP registration (no of specimen Lots)	
Marine invertebrates	930
Marine vertebrates	116
Maritime objects	5
PH data record entries	2,160

### Loans - outwards

Fishes	27 specimen lots to 4 institutions
Crustaceans	9 specimen lots to 3 institutions
Enquiries	46
Written enquiries	27
Enquiries in person	50
Telephone enquiries	69

### Marine Invertebrates

Accessions (no of specimen lots) -	
Marine invertebrates	858
Mollusca	292
Primary types	8

### Loans - outward

Mollusca	37 specimens to 6 institutions
Fossils	7 specimens to 1 institution
Other invertebrates	1 specimen to 1 institution

EDP registration - Number of specimen lots entered	
Mollusca	308
Other marine invertebrates	930
Number of bulk lot localities entered	1,217

Hours worked by volunteers on collections	1,756 hrs
Speaking engagements	6
Written enquiries	7
Visitor enquiries	25
Telephone enquiries	49
Total	81

<b>Library</b>	
Readers	4,787
Loans	
(i) Inter-Library loan outwards	224
(ii) Inter-Library loan inward	83
(iii) Books borrowed - General	1,309
- NZ	1,507
Issues	
(i) NZ Reserve	494
(ii) Reserve	256
(iii) Photographs	2,428
(iv) MSS and Archives	1,270
(v) Other	454
Other reader services	
(i) Letters relating to collections	496
(ii) Participants in Library tours	95
(iii) Participants in subject talks	46
(iv) Photographic prints supplied	581
Collections	
Books and pamphlets	
(i) ordered	1,296
(ii) catalogued	1,936
Serials titles currently received	
(i) exchanges	337
(ii) subscriptions	396
(iii) gifts	175
Manuscripts and archives	
(i) collections accessioned	83
(ii) collections processed	221
(iii) shelf space occupied	24.5m
Photographs	
(i) negatives accessioned	895
(ii) negatives processed	895
(iii) prints accessioned	185
(iv) prints processed	185
(v) albums accessioned	12
Drawings/paintings accessioned	9
Drawings and watercolours conserved	1
Items bound	233

#### Schools Loan Service

The Museum Loan display cases continue to be distributed from three teachers' resource centres (Tamaki, West Auckland, and South Auckland) as well as the Museum. This provides for easier access as well as promotion of the Museum Education Service.

Exchange of loan cases:

From Auckland Museum	1,003
From Resource Centres	60

**TOTAL** 1,063

City schools are now using the Loans Service far more than the country schools, since there are no longer Education Boards to pay for the cost of delivery.

#### Staff News

In July, Dr Lindsay Sharp was appointed to direct the Museum Development Project. Dr Sharp is an Australian museum consultant, who was involved with the earlier Strategic Planning Study for the Auckland Museum. He is

currently Director of the Earth Exchange in Sydney, and is a former Director of the Powerhouse, the Museum of Applied Arts and Sciences in Sydney.

Mr Barry Potter, of Carson Project Management, was appointed Project Manager for the development. Formerly with Murray-North Ltd, Barry has undertaken a number of engineering works for the Museum previously, and was also involved in the Strategic Planning Study. From April, Barry was assisted by John Wilson of Carsons.

In August Anthony Wright was appointed Acting Manager Natural History Collections, and following that became increasingly involved with the Museum Development Project, leaving a serious shortfall in curatorial input within the Botany Department. As a result, Ewen Cameron was recruited in October as temporary assistant curator. Mr Cameron took leave from his position as herbarium curator in the School of Biological Sciences at the University of Auckland. In November Antoinette Nielsen was employed, half-time by the Museum as a secretarial assistant, and half-time on Lottery Board funding as a data entry operator in the herbarium.

Peter Hughes was appointed in August as Acting Manager, Human History Collections, and Eddie Sun was appointed Deputy Librarian to provide appropriate support during this period. In September Mrs Janice Chong was appointed on a temporary basis and in June she was appointed as a permanent part-time reference librarian. From June 1992, Mary Fitzgibbon, the Librarian responsible for Serials, has changed to part-time work.

Steven McLean was appointed as Manager, Finance and Administration in January, replacing the Executive Officer (Administration), Mr Renner. Mr McLean's skills in financial management and his experience in the tourism and leisure industry have already been of great benefit to the Museum, both in its current operational activities and in the Development Project.

Struan Ensor retired in March after eleven and a half years as Senior Education Officer. During this period, the school attendance figures increased steadily. Struan was responsible for developing the popular classroom interactive programmes. His work in Geology particularly was outstanding. He also streamlined the administration procedures by introducing computerised record keeping. We are grateful to him for all his work and wish him well in his retirement. In May, the Board of the Auckland Normal Intermediate School promoted Mrs Wendy Johnstone, already one of the Education Officers at the Museum, to fill Mr Ensor's position. The Museum was pleased to be involved in the appointment process for the first time.

Following the retirement of Keith Wise in May 1991, Rosemary Gilbert filled the role of Acting Curator and kept the department running smoothly until John Early commenced duties in March. John was formerly a senior tutor in the Entomology Department at Lincoln University, where he was closely involved in Lincoln's Entomology Museum. Keith Wise remains actively involved with the department as a Research Associate.

**Museum staff have served in the following ways in professional and community organisations:**

Ewen Cameron
Chair, Auckland Conservation Board
Newsletter editor, NZ Botanical Society
Vice-President, Auckland Botanical Society

John Coster

Secretary, Art Galleries and Museums Association  
NZ (now the Museums' Association of Aotearoa New Zealand)

Chair, Institute of NZ Archaeologists

John Early

Editorial board, NZ Entomologist

Bruce Hayward

Member, NZ Conservation Authority (Convenor, Conservation Science Committee; Member, Conservation Education Committee)

President, Geological Society of NZ (Convenor, Geological Reserves Subcommittee)

Convenor, NZ Earth Science Societies'

Geopreservation Inventory Project

Peter Hughes

Executive, Northern Archives and Records Trust

Convenor, Auckland Group, Dictionary of NZ

Biography

Committee, Preservation and Conservation Group,

NZ Library Association

Editorial assistant, NZ Journal of History.

Jack Mackinder

Editor, Auckland Botanical Society

Stuart Park

Deputy Chair, NZ National Commission for UNESCO

Executive, Museum Directors Federation

Trustee, Museum of Transport and Technology

Patron, Numismatic Society of Auckland

Member, Museums Diploma Board of Studies, Massey

University

Nigel Prickett

Submission to Waitangi Tribunal at Whakaahurangi

Marae, Stratford

Karel Peters

Treasurer, New Zealand Professional Conservators

Group

Sherry Reynolds

President, Art Galleries and Museums Association

NZ (now the Museums Association of Aotearoa

New Zealand)

Board member, NZ Historic Places Trust

Antonia Solomon

New Zealand Women's Basketball representative

Katrina Stamp

President, Museum Education Association NZ

Anthony Wright

Secretary/Treasurer, NZ Botanical Society

(Member, National Threatened Plant List Committee)

President, Auckland Botanical Society

Member, Auckland Government House Gardens

Advisory Committee

Chair, NZ Herbarium Network

**Museum staff attended the following conferences and training courses:**

John Coster

Registrars and Exhibition Officers

Museum Education Association of New Zealand,

Wellington

Julia Gresson

Disaster preparedness workshop, Auckland



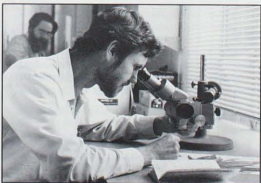
John Early is the new Entomologist.



Senior Education Officer Wendy Johnstone.



Antoinette Nielsen at work in the Botany Department (above) and Acting Assistant Curator of Botany, Ewen Cameron (below).



Juliet Hawkins  
Museum Education Association of New Zealand,  
Wellington

Bruce Hayward  
NZ Marine Science Society, Wellington  
Geological Society of NZ, Palmerston North  
NZ Conservation Authority Conference on Marine  
Conservation, Auckland

Chris Hollis  
International Association of Radiolarian Researchers VI,  
Florence

Peter Hughes  
Seminar on archives and records management education,  
Auckland  
NZ Library Association, Auckland  
NZ Library Association Seminar on paper and  
photographic conservation.  
Archives and Records Association

Wendy Johnstone  
Museum Education Association of New Zealand,  
Wellington

Angela Lassig  
Internship, Department of Ceramics and Glass,  
Victoria and Albert Museum, London  
QEII Arts Council Craft Writers Weekend

Gordon Maitland  
NZ Library Association Seminar on paper and  
photographic conservation

Justine Olsen  
QEII Arts Council Craft Writers Weekend

Stuart Park  
Council of Australian Museum Directors, Perth  
Museum Directors Federation  
Protection of Cultural Property, Hawaii  
Auckland, Waikato, Tauranga Numismatic Societies

Karel Peters  
Disaster preparedness workshop, Auckland

Nigel Prickett  
Conference, Australian Society for Historical  
Archaeology, Melbourne  
N.Z. Archaeological Association Conference,  
Whitianga

Kath Prickett  
N.Z. Archaeological Association Conference,  
Whitianga

Katrina Stamp  
Marketing workshop, Auckland  
Museum Education Association of Australia,  
Sydney  
Museum Education Association of New Zealand,  
Wellington

Anthony Wright  
Threatened Plant Workshop, Department of Conser-  
vation, Upper Hutt  
Inaugural joint NZ Botanical Society/Australian  
Systematic Botany Society Conference,  
Auckland (chair of the organising committee)  
NZ Herbarium Curators 9th Annual Meeting  
Australasian Lichenologists Association, Hobart

Jorie Zwart  
Museum Education Association of New Zealand,  
Wellington

## Visitors Using the Museum's Collections and Facilities

Ngapine Allen; museum training

Dr Malee Buranarugs, Khon Kaen University, Thailand

Jane Branch, University of Cape Town; world Patellid  
limpets

Fred Brook, Dept. of Conservation; northern coastal fishes,  
Three Kings flax snail

Bill Brownell, Bay of Plenty Polytech; spat settlement

Dr Barry Conn, National Herbarium of NSW, Sydney

James Corgan, Austin University; world turrids

Elliot Dawson, MONZ; N.Z. Crabs

Dr Dennis Dutton, Canterbury University; Sepik art

Mr Edwino Fernando, University of NSW, Sydney

Dr Warwick Harris of DSIR, Land Resources, Lincoln;  
checking early New Zealand ethnobotanical specimens

Sally-Anne Hasluck, Claremont Museum Western Australia

Michelle Horwood, Wanganui Museum; Wanganui material

John Hovell, Auckland University

Jorge D'Hulst of France; Maori art

International Council of the Museum of Modern Art,  
New York

Greg Johansen, Sandfords; deepwater crabs communities

Mark Jones, Coromandel; NZ paua

Dr Helen Leach, University of Otago; Pacific adzes

Joanna Liddiard, Middlesex Polytechnic

Prof. John Lovis, University of Canterbury, Christchurch

Lagi Manetoa, Elam Art School; Niue material

Greg McManus, Manawatu Museum

Mr Bob Makinson, Australian National Botanic Gardens,  
Canberra

Dr Phil Millener, Museum of New Zealand; extinct Mergan-  
ser, Sunde site, Motutapu

Lynda Mitchell, University of Glasgow; NZ bivalves

Dr Wayne Orchiston, Gisborne Museum; East Coast  
carvings

Dr Michael Pietrusewsky, University of Hawaii; Tongan  
skeletal remains

Ms Bonnie Pitman, Deputy Director of University of Cali-  
fornia Museum of Art Berkeley

Te Rarawa Maori weavers

Ms Richmond-Rex, Niue Museum

Greg Sherley, Dept of Conservation; NZ flax snail

Prof. Nick Stanley, Department of Art, University of Central  
England, Birmingham; Melanesian Mission collection

Mr Bill Sykes of DSIR Land Resources, Lincoln; checking  
Rarotongan specimens collected by T.F. Cheeseman at  
the turn of the century

Mr Ian Telford, Australian National Botanic Gardens,  
Canberra

Ms Shirley Temm, Classics Department, University of  
Auckland

Neville Thompson; spat settlement, Whitianga  
Dr Peter Wardle, DSIR Land Resources, Lincoln; checking  
South Island native vascular plant distributions  
Mr Mats Wedin and Dr Leif Tibell, Uppsala University,  
Sweden; lichens.

## Staff Publications July 1991 to June 1992

CAMERON, E.K.

- 1991 Mangere - a small forest remnant and *Sicyos australis*. *Auckland Botanical Society Journal* 46(2): 83-84.
- 1991 Paratahi Island - Karekare, West Auckland. *Auckland Botanical Society Journal* 46(2): 84-85.
- 1991 Five Hunua wetlands. *Auckland Botanical Society Journal* 46(2): 85-88.
- 1991 Additional vascular plant records for the Chicken Islands, north-east New Zealand. *Tane* 33: 87-88.
- 1992 Decline of mawhai (*Sicyos australis*). *New Zealand Botanical Society Newsletter* 28: 11-12.
- 1992 Plant additions and comments on two Rotorua species lists. *Rotorua Botanical Society Newsletter* 25: 34-37.
- 1992 Motukaraka, Beachlands - trip observations. *Auckland Botanical Society Journal* 47(1): 17-18.
- 1992 Tangihua Forest, Northland - plant additions and an odd *Adiantum*. *Auckland Botanical Society Journal* 47(1): 21-23.
- 1992 Vascular flora of Kawetoto Reef, Waikawau Bay, Coromandel Peninsula. *Auckland Botanical Society Journal* 47(1): 29-31.

CAMERON, E.K. AND TAYLOR, G.A.

- 1991 Flora and fauna of Motukokako (Piercy Island), Cape Brett, northern New Zealand. *Tane* 33: 121-141.
- 1992 Flora and vegetation of an islet off Ponui Island, Hauraki Gulf, Auckland. *Auckland Botanical Society Journal* 47(1): 23-29.

CAMERON, E.K., MURRAY, B.G., AND STRANDRING, L.S.

- 1992 Chromosome numbers, karyotypes, and nuclear DNA variation in *Pratia* Gaudin (*Lobeliaceae*). *New Zealand Journal of Botany* 30(2): 181-187.

COSTER, J.

- 1991 Professional standards and ethics in New Zealand archaeology. *Archaeology in New Zealand* 34(3): 135-145.

GARDNER, R.O.

- 1991 Glands, bands and stipules. *Auckland Botanical Society Journal* 46(2): 76-78.
- 1992 Coral trees (*Erythrina*, *Papilionaceae*) of Auckland. *Auckland Botanical Society Journal* 47(1): 32-35.
- 1992 A plate of beans. *Auckland Botanical Society Journal* 47(1): 35-38.
- 1992 Review of: The history of the Loder Cup 1926-1990. Department of Conservation. *New Zealand Botanical Society Newsletter* 28: 19.

GILL, B.J.

- 1991 Book review. *Notornis* 38: 251-252.
- 1991 *New Zealand's Extinct Birds*. Random Century, Auckland. 109 pp. [Illustrated by Paul Martinson.]

GILL, B.J., MACDONALD, C. AND ———

- 1991 Shining Cuckoo eating an egg. *Notornis* 38: 250-251.

HAYWARD B.W.

- 1991 President's Page - Earth Science Conservation and a North West Nelson National Park. *Geological Society of New Zealand Newsletter* 93: 3.

- 1991 Geology and geomorphology of the Poor Knights Islands, northern New Zealand. *Tane* 33: 23-37.

- 1991 Ring plain remnants of a Miocene composite volcano: Wairakau Volcanics at Whangaroa, Northland. *New Zealand Geological Survey Record* 43: 65-71.

- 1992 News from the Auckland Museum. *Geological Society of New Zealand Newsletter* 95: 17.

HAYWARD B.W. AND HAYWARD G.C.

- 1991 Lichens of Tapu Bush, Kaipara North Head. *Auckland Botanical Society Journal* 46(2): 68-70.

- 1991 Kawerua lichens - a revision. *Tane* 33: 9-20.

HAYWARD B.W. AND SMALE D.

- 1991 Heavy minerals and the provenance history of Waitemata Basin sediments (early Miocene, Northland). [abstract] *Geological Society of New Zealand Miscellaneous Publication* 59A: 66.

- 1992 Heavy minerals and the provenance history of Waitemata Basin sediments (early Miocene, Northland, New Zealand). *New Zealand Journal of Geology and Geophysics* 35: 223-242.

HAYWARD B.W. AND WRIGHT A.E.

- 1991 Lichens from the Poor Knights Islands, northern New Zealand - additions and an updated species list. *Tane* 33: 39-48.

HAYWARD B.W., WRIGHT A.E. AND HAYWARD G.C.

- 1991 Lichens of Little Barrier Island (Hauturu), northern New Zealand. *Records of the Auckland Institute and Museum* 28: 185-199.

HAYWARD B.W., BLACK T.M., NOWELL S.B. AND ———

- 1991 Inventory of geologically-related historical sites and features of international, national and regional importance. *Geological Society of New Zealand Miscellaneous Publication* No. 52, 94p.

HAYWARD B.W., HOUGHTON B.F., ———, COLE J.W., HOBDEN B. AND JOHNSTON D.M.

- 1991 Inventory of Quaternary volcanic centres and features of the Taupo Volcanic Zone (with additional entries for Mayor Island and the Kermadec Islands). *Geological Society of New Zealand Miscellaneous Publication* No. 55, 156p.

HAYWARD B.W., KERMODE L.O., SMITH I.E.M., MOORE C.L., STEWART R.B., ASHCROFT J., NOWELL S.B. AND ———

- 1992 Inventory of Quaternary volcanoes and volcanic features of Northland, South Auckland and Taranaki.



*Geological Society of New Zealand Miscellaneous Publication 61*, 100p.

HAYWARD B.W. THOMPSON B.N. AND ——— (COMPILERS)

1991 Bibliography of New Zealand earth science excursion guides, 1891-1990. *Geological Society of New Zealand Miscellaneous Publication No. 51*, 85p.

HUGHES P.

1991 'The papers of Augustus Hamilton in the Auckland Museum Library'. *Archifacts*, Oct 12-27.

MACKINDER, B.J.

1991 Reed all about it. Calligraphy Society of New Zealand, *Auckland Branch Newsletter No. 1*: 6-8.

1992 Addition to the Hunua flora. *Auckland Botanical Society Journal* 47(1): 19.

1992 Adventive flora of the Waitakere Range. *Auckland Botanical Society Bulletin No. 21*.

1992 An excise bottle. Calligraphy Society of New Zealand, *Auckland Branch Newsletter No. 4*: 9-10.

1992 What's knot and what's not knot. Calligraphy Society of New Zealand, *Auckland Branch Newsletter No. 4*: 9-10.

MAITLAND G.

The management and preservation of photograph collections: a report of overseas study leave funded by a Winston Churchill Memorial Trust Fellowship. 63p.

NEICH, R.

1991 Jacob William Heberley of Wellington: a Maori Carver in a Changed World. *Records of the Auckland Institute and Museum* 28: 69-146.

1991 The Auckland Institute and Museum, New Zealand. In Eoe, S.M. and P. Swadling (Eds.), *Museums and Cultural Centres in the Pacific*. Papua New Guinea National Museum, Port Moresby.

1992 Review of: O'Hanlon, M., Reading the Skin: Adornment, Display and Society among the Wahgi. *Journal of the Polynesian Society* 101(2): 194-7.

REYNOLDS, S.L.

1991 AGMANZ:Te Ropu Hanga Kaupapa. *New Zealand Museums Journal* 21(1):1

1992 What's In A Name? Te Ropu Hanga Kaupapa. *Newsletter of the Museums Association of Aotearoa New Zealand* 2(5):1

WOLFE, R.

1991 Souvenirs of Maoriland: The Art of the Early Tourist Trade. *Art New Zealand* 61, 68-72.

1991 Kiwi - More Than a Bird. Random Century. 84p.

1992 Melodies of Maoriland: Local Imagery in Early New Zealand Sheet Music. *Music in New Zealand* 16, 42-44.

WRIGHT, A.E.

1991 Population counts for *Pseudopanax gilliesii*. *New Zealand Botanical Society Newsletter* 25: 10-11.

WRIGHT, A.E. AND YOUNG, M.E.

1991 Vascular plants of Tapu Bush, Kaipara North Head. *Auckland Botanical Society Journal* 46(2): 70-72.

WRIGHT, A.E. TEHLER, A.; ——— AND GALLOWAY, D.J.

1991 *Rocellina exspectata* Tehler, a new southern Australian-New Zealand lichen connection. *The Lichenologist* 23(4): 403-405.

## ACCESSIONS 1991-1992

Friends and supporters of the Museum have again been generous in their donation of objects for the Museum's collections. Other objects have been acquired through staff research and fieldwork, or through purchase using funds left to the Museum for that purpose.

**Applied Arts** Gifts, bequests and purchases have allowed the Applied Arts collecting to focus filling gaps in the historical collection while also developing the 20th century collection. Objects were also collected for their New Zealand historical associations.

Bequests included a collection of New Zealand and British studio ceramics from the late Dawn Percy. Gifts to the collection included a whalebone club made by Ernest Shackleton from Mrs van Stanten; an R.N.Z.A. regimental brooch presented by Mrs Harriet Friedlander in the memory of Captain Peter Arthur Neville Nathan; a 'D Battery N.Z.A.' regimental brooch from Mrs June Kirker; a glass sculpture 'Cicatrix Shield V' presented by Australian glass artist Gerry King; a collection of Crown Lynn ceramics from Mr Richard Quinn, a woman's riding habit and army uniforms from the Lang family of Waipa via Mrs Mary Campbell and an inkstand presented to Archdeacon Henry Williams on his retirement as a missionary in 1850 donated by Dr Henry Williams.

Major acquisitions purchased with funds provided from the Disney Art Trust included an inlaid writing compendium made by Edwin Oliver and its accompanying framed exhibition certificate, both from the Dunedin Industrial Exhibition of 1881, a cased set of knives and forks by F. Grady of Wellington made about 1890, a bronze jardiniere and related drawings by Richard Oliver Gross (a copy of the one commissioned for presentation to the then Princess Elizabeth on her marriage in 1948), three works from the Fletcher Challenge Ceramic Awards: 'Winged Vessel' by Karen Karnes, 'Image' by Kazunori Takeoka and 'Arizona' by Judy Trim, and a ceramic vase by Moorcroft exhibited at the British Empire Exhibition held in London 1924 and 1925.

The Mackelvie Trust generously purchased for loan to the Auckland Museum a bell push of gold, silver, enamel and ruby made by the Russian jewellers Fabergé between 1870 and 1899. An important collection of Chinese Sung Dynasty ceramics was placed on loan by Mr J. L. Noakes, who collected the ceramics while working in Sarawak during the 1930s.

**Archaeology** Significant archaeology acquisitions this year have been adzes from Epsom, New Lynn, Kuaotunu Peninsula (Coromandel), Hawkes Bay and Masterton. An important collection of adzes, hammerstones and other stone material dug up in a St Heliers garden in 1946-49 was given by Mr W.G. Hammond of Dargaville. Valuable archives on the Hot Water Beach (Coromandel) excavations, published in the Museum *Records* in 1974, have been given by Anne Leahy. Seventeen recent finds have been notified to the Internal Affairs Department under the terms of the Antiquities Act.

**Botany** The 4,620 new herbarium accessions came from a variety of sources: past and new donated herbaria (e.g. J. K. Bartlett and Auckland Regional Authority Hunua Forest herbaria), staff collections, ongoing exchange programmes with other herbaria and donated specimens from amateur and professional New Zealand botanists.

**Ethnology** The South East Asian collections of the Ethnology Department have been strengthened by several important acquisitions. These include a Rangda mask from Bali, and textiles and other artefacts from Toraja, Timor and Sarawak. The Vanuatu collections have benefited by a purchase of several modern plaited mats and pottery items, all well documented. While travelling in Vanuatu, Museum staff member Mick Pendergrast also collected 58 baskets, 11 mats and several other items for the Museum, with notes on their local names and usage.

Another important purchase was a kapkap shell breast ornament collected in the Santa Cruz Islands by the captain of the missionary ship "Southern Cross" in 1869. Mrs Olga James presented a small but well-documented collection of bark paintings and bags from Maningrida in Arnhem Land, Australia.

The most significant Maori acquisition was a large, well-proportioned nephrite hei tiki taken to Australia by the Rev. William Richard Wade after his missionary service in the Bay of Islands from 1834 to 1840.

**Entomology** A collection of South American butterflies was received from Dr Alison Kidd. Mr Tadashi Izawa of Tokyo presented the first two of six boxes of a complete synoptic collection of Japanese butterflies he is preparing for the Museum. These are valuable additions to our collections.

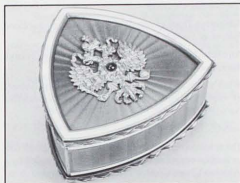
**Library** The Library continues to receive substantial numbers of valued donations. There were 159 individual donors to the Library during the year.

Three notable donations require special mention. The collections of negatives, movie films and photograph albums of Reginald Lediard (1898 - 1973) were presented by his daughter Mrs Yvonne Marsh. The negatives were produced during the period Mr Lediard worked as a commercial photographer in Victoria St West in the 1920s and early 1930s. They consist mainly of shop fronts, interiors and displays, but also include work commissioned by the Auckland City Council, and by Auckland Museum. Mr Lediard was an associate of Dr Baden Powell and Mr Graham Turbott, and accompanied them on several Museum expeditions, where he was involved in the Museum's early film making ventures.

Law firm Phillips Nicholson presented the records of the Auckland law firm Nicholson Gribbin, from the 1850s to the 1980s. Oliver Nicholson was admitted to practice in 1886



Jardiniere made by R.O. Gross, a copy of the original presented to Princess Elizabeth in 1948.



The Mackelvie Trust purchased this Fabergé bell push.



Moorcroft vase purchased with funds from the Disney Art Trust (above) and Santa Cruz kapkap ornament collected in 1869 (below).



and was subsequently joined by George Arthur Gribbin. The collection contains some 3,600 legal deeds, mostly conveying and probate, as well as the firm's own ledgers, registers and other financial records. The earliest client files date back to 1854.

Malcolm Ross presented further papers of his late mother, Ruth Ross (1920 - 1982) was an historian whose expertise encompassed the Treaty of Waitangi, Northland history and the history of 19th century missionary endeavour in New Zealand. Her research papers were donated to the Library earlier. These additions comprise letters to her family, photographs and drafts of unpublished short stories.

We are grateful to the following for the gift of items during the year:

The Very Reverend J O Rymer

Prof G C Liggins

Drs: W J Ballantine, J E and R E Beever, F J Brook, L Cranwell Smith, K E Crompton, R O Gardner, B J Gill, M G Goodey, B W Hayward, M Isaac, W Mackie, R Neich, G A Nicholls, W Orchiston, S D C Rabone, J Walsby.

Mesdames: M L Barrow, M Best, J Bracken, E Brosnahan, M Brothers, A Caughey, W Costley, M Cowan, N Croad, M Dance, Z D Day, N Easdale, J Farquharson, N M Fenton, M C Fowler, B Gamble, M Gibson-Smith, C Goff, P Grace, A Grace-Jones, G Hall, V Haresnape, G C Hayward, R H Hubbard, M Ingham, O James, G Kean, S Kendall, J Kirker, C Little & J Stevens, E McCormick, J McIntyre, C McMenamin, G Marett, Y Marsh, K H Mellson, Milonas, P B Moore, M Morley, V Mossong, M S P Bequest, B A Newton, J Page, H A Pawson, S Prouse, E Reid, S Ross, P J Rout, J Ryan, V Santen, C Speight, E Spragg, J C Stanley, C M Taylor, F Thompson, P Town, O M Turbott, S Watson, L Wedge, S Weight, R G Wignall, F A Wood, M M G Wright.

Misses: M Adams, E Cowan, F Gallagher, M J Gray, A Leahy, G Owen, B Spiers.

Ms: M Aldridge, E Barclay, J Bullock-Morrell, E Dawson, L C Elphick, J Evans, L J Forester, C Greenfield, J Hannings, V Herbert, A Kidd, N Nicholson, B S Parris, L Pinfold, D Rikihana, J A Smith, R J Williams.

Messrs: G B Abel, J H Aitken, R Allan, D Allen, M E Andrew, J M Barr, J Barton, W A Beacham, F D Bell, D Bonica, E Brooking, S H Budd, M S Butland, S Carter-Hamilton, S Chambers, H Chapman, D R Cholmondeley-Smith, B Clapcott, I T Clarke, M A Clarke, R Collins, H Coop, M C Copeland, J Coster, J C M Cresswell, D Crisp, W R Croft, D W Dennett, G Dingley, J Drury, D Dunn, R Dunn, M Eagle, A Flude, K A Forsman, N Gaudin, R German, C Goldie-Smith, P Grierson, G Griffiths, W G Hammond, M Harrison, E D Hatch, B Hazelwood, H A Hicks, R G Holding, R Horobin, K M Ireland O.B.E., Izawa, A R Jamieson, J P A Jamieson, R Janiak, G Johansen, D Johnson, I W Jolly, N Judd, W Kalsch, P W Kelly, P Kite, R E Lambert, A La Roche, P J de Lange, R Lewis, O Lloyd, A E McGuinness, P McVicker, J H Maingdonald, E M Mathieson, F J Medland, J Mitchell, G Muldrock, G Murdoch, J L Noakes, K J Nobbs, M K Norton, S O'Shea, G S Park, B Parkinson, P Parkinson, R Pegler, J Percy, K Peters, G Pettigrew, A S Rainey, H N Randall, G Reid, J G S Reid, F E Richnow, B A Robertson, C N Robinson, J de Rooden, M Ross, I Russell, E P Salmon, W T Schroder, B F Shepherd, R B Sibson, D R Simmons, D C Slaven, M Smale, B Smith, C Smith, J Stacpoole, L

Stanners, E Tapara, G Thew, N Thompson, I Thwaites, C K Ting, R Turner, K Uemura, J Walker, J G Walsh, R Ward, P K Warren, J Webster, W Wehi, C Whyte, J Williams, P Williams, W A Williams, R Wolfe.

Mr & Mrs: J Caldwell, W D'Audney, P & E Parkes.

Adis International Ltd, Auckland Associated Mountain Clubs, Auckland Branch Society for Research on Women in NZ, Auckland Ladies' Benevolent Society, Auckland Studio Potters, Bell, Gully, Buddle, Weir, Community of St James Church, Geological Society of New Zealand, Isis Decora Designs Ltd, NZ Korean War Veterans Assn, St Paul's Outreach Trust, Canterbury Museum, Church and Community of St James, Council of Jewish Women, New Zealand, the Elms Trust, the French Embassy, Geological Society of New Zealand, Henry and William Williams Memorial Trust, Howick & Districts Historical Society, Japanese Textile Artists, King's College, Literary Executor of Fr E A Forsman's Estate, Ministry of Maori Affairs, Ministry of Research, Science and Technology, Mitsubishi NZ Ltd, National Art Gallery, National Library of New Zealand, New Zealand Pioneers and Descendants Club Inc, Paykel Engineering Ltd, Philson Library, University of Auckland, Presbyterian Church of New Zealand, Presbyterian Church of St Paul, St Paul's Outreach Trust, Taranaki Museum, Te Awamutu District Museum, Time NZ Magazine Ltd, United States Information Service, Waiuku Museum Society, Wanganui Branch of the National Council of Women of NZ.

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AUCKLAND INSTITUTE AND MUSEUM**

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Mr W A Laxon, M.B.E., LL.B.

**Past President:**

Mrs S.M. Weight, J.P.

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(Hons.), Dip.T.P.  
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M.I.Mech.E.Cert., J.P.

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Ms L.M. Wilson, F.T.C.L.,  
A.N.Z.L.A., N.Z.L.A.

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Mrs G.M. Collins, J.P.  
Mrs Y.A.R. Copland, J.P.  
Ms S. Corbett, J.P.  
Mr J. Costello  
Mrs E. Davis  
Mr K.E. Graham  
(appointed April 1992)

Mr E.B. Kirk  
Mrs S. Lee  
Mr R.J. McQuoid  
Mrs S.M. Sinclair, J.P.  
(resigned April 1992)  
Mr E.C. Stevens  
Mr G. Thew  
Mr I.P. Titchener

**Chairman of the Trust Board (ex officio):**

Mr R.E. Thomas, F.C.A.N.Z. (until June 1992)  
Dr R.H.L. Ferguson C.B.E., F.R.C.S., F.R.A.C.S. (from June 1992)

**Representative on Member Bodies' Committee,**

**Royal Society of New Zealand:**

Dr P.J. Brook, M.Sc., Ph.D., F.R.S.N.Z.

**Secretary:**

Mr G.S. Park, M.A.(Hons.), A.M.A., F.M.A.N.Z.

**Staff Representative:**

Anthony Wright, M.Sc.

Mr Costello was appointed to the Council by the Papakura District Council, to replace Mr H. Williams. In April, Mrs Sinclair resigned as a representative of the Auckland City Council. Mr Graham was appointed to fill her place. Dr R.H.L. Ferguson resigned from the Council in November, after a long period of service to the Council. Happily, through his subsequent election to the Chair of the Trust Board, he rejoined the Council in June. At the Annual General Meeting in November, Dr Brook, Mr Ingram, Sir Hugh

Kawharu and Mr Schischka were returned to the Council. Mrs Holman and Mr Law were newly elected to the Council. Mr R.H.M. Fenwick did not seek re-election. The Museum is indebted to Mr Fenwick for his work for the Museum, especially on its Strategic Planning Committee. At the Annual Meeting in November 1992, Mr Laxon will have completed his term as President. In July, the Council elected Dr Coop to succeed him as President, and Mr Law as Vice-President. Mr Laxon will continue as Past President.



## AUCKLAND INSTITUTE AND MUSEUM TRUST BOARD

### Chairman:

Mr R.E. Thomas, F.C.A.N.Z. (until June 1992)  
Dr R.H.L. Ferguson, C.B.E., F.R.C.S., F.R.A.C.S. (from June 1992)

Mr J.D.O. Ellis, Q.S.O., F.N.Z.I.M., F.Inst.D. Mr W.A. Laxon, M.B.E., LL.B.  
Mr M.P. Hay, M.A. Mr R.E. Thomas, F.C.A.N.Z.  
Dr R.H.L. Ferguson, C.B.E., Mr M.T. Tomlinson, B.Com.,  
F.R.C.S., F.R.A.C.S. A.C.A.

### Secretary:

Mr G.S. Park, M.A.(Hons.), A.M.A., F.M.A.N.Z.

In June, Mr R E Thomas resigned as Chairman of the Auckland Institute and Museum Trust Board, though he will continue to serve as a member of the Board. Mr Thomas was elected to the Trust Board in June 1972, and was elected to its Chair in June 1978. His work for the Board has been very much appreciated. Mr Thomas is also a former President, Vice President, Past President and member of the

Council of the Auckland Institute and Museum, to which he was first appointed in 1970, and on which he has served continuously ever since. Dr R L Ferguson was elected to replace Mr Thomas. Dr Ferguson is an Honorary Life Member, and is also a former President, Vice President, Past President and member of the Council of the Auckland Institute and Museum.

## STAFF

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A.M.A., F.M.A.N.Z.  
Assistant Director ..... Sherry Reynolds, M.A.,  
(Development & Commu- Dip.Tchg.  
nications) & Deputy Director  
Acting Collections Manager  
(Human History) ..... Peter Hughes, M.A.(Hons.),  
Dip. N.Z.L.S., Dip.Tchg.  
Acting Collections Manager  
(Natural History) ..... Anthony Wright, M.Sc.  
Manager Finance & Admin .. Steven McLean, A.C.A.  
Project Director ..... Lindsay Sharp, M.A.,  
D. Phil. (Oxon)  
Project Manager ..... Barry Potter, B.E.  
Assistant Project Manager ... John Wilson, N.Z.C.B.

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Secretarial Assistant ..... Antonia Solomon  
Accountant ..... Tom Molloy, A.C.A.,  
A.C.I.S.  
Accounts Clerk ..... Doris Bellamy  
Pam Towers  
Accounts Assistant ..... Jocelyn Mitchell  
Receptionist/Telephonist ... Sharron Prouse

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Curator ..... Justine Olsen, B.A.  
Assistant Curator ..... Angela Lassig, B.A.,  
Dip.Mus.Stud.  
Hon. Horologist ..... David Smith, M.A., Ph.D.  
Hon. Curator of Asian Art ... Trevor Bayliss, F.M.A.N.Z.  
Hon. Curator of Musical  
Instruments ..... Len Stanners, C.B.E.

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Hon. Archaeologist ..... Nigel Prickett M.A., Ph.D.  
Hon. Research Associate ..... Aileen Fox, M.A., F.S.A.  
in Archaeology Janet M. Davidson, M.A.,  
Technician ..... D.Sc., F.R.S.N.Z.  
Kath Prickett, M.A.

### Botany

Botanist ..... Anthony Wright, M.Sc.  
Acting Assistant Curator ..... Ewen Cameron, B.Sc.  
Associate Botanist ..... Ted Bangerter, F.L.S.  
Hon. Botanist ..... Lucy M.Cranwell, M.A.,  
D.Sc., F.L.S., F.R.S.N.Z.  
Research Associate ..... Jeanne H. Goulding  
Rhys Gardner, B.Sc.  
(Hons.), Ph.D.  
Technician ..... Jack Mackinder, B.Sc., Dip.  
Tchg.  
Antoinette Nielsen

### Community Education

Community Education Officer Katrina Stamp, B.A.,  
Dip.Crim., Dip.Tchg.

### Conservation

Senior Conservator ..... Karel Peters  
Conservator ..... Julia Gresson, M.A.,  
B.App.Sc., Dip.Tchg.  
Claire Coyle

### Hotunui Technician

Reb Muru  
Rewi Spraggon  
John Tepu

### Display

Curator ..... Richard Wolfe, B.F.A.  
Display Artist ..... Natalie Guy, Dip.F.A.  
Geoffrey Logan,  
Dip.F.A.A., Dip.Adv.C.D.

	Angus Mackenzie, Dip.F.A.A., Dip.Tchg.	Community Task Force .....	Ramola Prasad, B.Sc. Glenys Stace
<b>Education</b>		<b>War Collections</b>	
Senior Education Officer .....	Struan Ensor (until March)	Honorary Curator .....	John Wadham, B.Sc.
	Wendy Johnstone (from June)	Honorary Curator of Medals and Badges .....	David Corbett, A.F.R.Ae.S.
Education Officer .....	Jorie Zwart Raewyn Casey, Dip. Tchg.		
Artist Technician .....	Juliet Hawkins, Dip. G.D.		
Teacher Aid .....	Dorothy Ensor (until March)		
	Valerie Saunders (appointed June)		
<b>Entomology</b>		<b>Attendants</b>	
Entomologist .....	John Early, B.Sc.(Hons.), M.Sc. (Dist.) (from March)	Jack Watson (Senior); Althea Sargent (Deputy Senior); Tim Whitman (Relieving Deputy Senior); Robert Bell, John Clark, Brian Craig, Terry French, Max Harkin, Peter Kite, Manese Leuluauai, Mervyn Lockley, Eruera Nehana, Cynthia Pocock, Luis Ramon, Graham Taylor, Marie Watson, Robynne Watson.	
Technician .....	Rosemary Gilbert, B.Sc.		
Research Associate .....	Keith Wise		
<b>Ethnology</b>		<b>Maintenance and Cleaning</b>	
Ethnologist .....	Roger Neich, B.Sc., M.A., Ph.D.	Graeme Te Ao, Jonathan Graves, Phillip Kite, Christine Whitman.	
Assistant Ethnologist .....	Te Warana Taua		
Antiquities Assistant .....	Mary Best		
Ethnology Assistant .....	Mick Pendergrast Olwen Morgan, B.A.		
<b>Land Vertebrates</b>		<b>Coffee Lounge</b>	
Curator .....	Brian Gill, B.Sc.(Hons.), Ph.D.	Esmay Ulenberg, (Manager); Susan Rotney (Assistant Man- ager until August 1991); Rebecca Brown, Susan Cronin, Robyn Elliott, Rose Hickling, Melissa Hoy Fong, Emmalee Jackson, Nicola Penman, Teresa Preston, Anna Sanderson, Donna Silvius, Judith Ulenberg, Takai Vanua, Gwenith Ward, Jan Whitehouse, Sheree Wong.	
Zoology Technician .....	Jenny Riley, B.Sc.		
<b>Liaison Service</b>		<b>Museum Shop</b>	
Liaison Officer .....	John Coster, B.A., M.I.N.Z.A.	Isabelle O'Connor (Manager), Sally Andrews, Ruth Boag, Strelsa Boyce, Mignonne Brownjohn, Lorna Collett, Jean Dickens, Judith Geerlings, Ann Hanna, Aloma Munce, Shelly Neagle, Phyllis Pickavance, Carol Pole, Nanda Watson.	
<b>Library</b>		<b>Volunteer Guides</b>	
Librarian .....	Peter Hughes, M.A. (Hons.), Dip. N.Z.L.S., Dip.Tchg.	David Baker, Gwendoline Baker, Jim Beever, Patricia Bond, Andrew Bonner, Suzanne Boyes, Helen Cranwell, Margaret Darke, Selwyn Dawson, Dorothy Gardner, Mary Gillespie, Sheila Gray, Pat Green, Lola Gregory, John Hammond, Jo Hitchcock, Charles Hutchinson, Stella Isbey, Ruth Johnson, Neville Joyce, Muriel Leith, Margery Lethbridge, Anthony McNaughton, Donald Nelson, June Nield, Len Nield, Wendy Patterson, Leo Rothschild, Jack Sisley, Gwyneth Urquhart, Arthur Ward, Marguerite Walker, Mary Weal, Sheila Weight.	
Assistant Librarian .....	Gordon Maitland, M.A., Dip.N.Z.L.S. Eddie Sun, M.A., Dip.N.Z.L.S.		
Library Assistant .....	Victoria Bell Janice Chong, M.A., Dip. N.Z.L.S. Mary Fitzgibbon, M.A. Angela Henty Barbara Spiers Shirley Witherington		
Library Clerk .....			
<b>Marine Biology and Maritime History</b>		<b>Volunteers</b>	
Marine Biologist .....	Brett Stephenson, M.Sc.	Robert Adams, Noeline Allely, Tara Anderson, Kathie Barrow, John Bellingham, Pat Bond, Doug Booth, Sarah Boyd-Bell, Nyree Chaplin, Karen Coneybeer, Nancy Croad, Joan Dow, Nola Easdale, Eamonn Ganley, Maria Garelja, Rhys Gardner, Norm Gardner, Noel Gardner, Paula Gilliver, Raewyn Glaister, Jim Goulstone, Sheila Gray, Margaret Grayson, Robin Griffin, Jack Harold, Lucy Harvey, Kay Haslett, Jan Hawkins, Bruce Hazelwood, Damaris Hole,	
Zoology Technician .....	Jenny Riley, B.Sc.		
Community Task Force .....	Edgardo Alarcon-Leon		
<b>Marine Invertebrates</b>			
Curator .....	Bruce Hayward, B.Sc. (Hons.), Ph.D.		
Zoology Technician .....	Jenny Riley, B.Sc.		
Research Assistant .....	Chris Hollis, B.Sc. (Hons.), Ph.D.		
Technician (temporary) .....	Nick Decarteret Mike Eagle Matthew Jones		

Susan Jowsey, Joanne Liddiard, Elizabeth McCracken, Christine Mackinder, Betty Maddock, Georgina Mason, Vic May, Janice Mogford, Sarah Montreal, Margaret Morley, Matthew Muir, John Murphy, Margaret Nash, Nancy O'Reilly, Steve O'Shea, Wendy Patterson, Olive Poole, Bruce Postleweight, Ramola Prasad, Shirley Ross, Nancy Rothwell, Trevor Scott, David Simmons, Nancy Smith, Rae Sneddon, Rosalind Spratt, Len Stanners, Cecelia Street, Fiona Thompson, Peggy Town, Jan De Visser, Leith Watt, Elizabeth Webb, Meryl Wright.

## Membership

The Roll of Members has changed as follows:

	As at 30.6.91	As at 30.6.92
Honorary Life Members	13	13
Life Members	686	690
Members	1238	1177
<b>Total</b>	<b>1937</b>	<b>1880</b>

## Obituary

We record with regret the deaths of the following members:

Mr H Brown, Miss J H Clark, Prof B A Foster, Mr C Le G Gardner, Mrs B S Gregory, Mr P B Hannken, Mr S F Hartnell, Mr L W Hitchens, Mrs W Holland, Lt Col A R Hughes, Mrs H Jackson, Mr C R Leach, Mrs J E Luke, Lady L Y Manchester, Mr C Mountfort, Mr A H O'Keefe, Dr M S Palmer, Mrs K P Paterson, Mr O D Peck, Mr W E Perks.

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Sir Thomas E. Clark  
Lucy M. Cranwell, M.A., D.Sc.,  
F.L.S., F.R.S.N.Z.  
Miss E.A. Evans, B.A., A.L.A.,  
F.N.Z.L.A., Q.S.M.

J.C. Fenton  
R.H. Lindo Ferguson, C.B.E.,  
F.R.C.S. (Eng.), F.R.A.C.S.  
R.S. Milne, C.B.E.  
Sir Kenneth B. Myers, M.B.E.  
Mrs J. Smith

W.B. Dixon Stroud  
Walter Taipari  
E.G. Turbott, Q.S.O., M.Sc.,  
F.M.A.N.Z.  
Mrs E.A. Wylie, Q.S.M., J.P.

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Afford, R.N.  
Akiyama, Assoc Prof S., M.Sc.  
Alexander, L.J.  
Alexander, Miss P., B.Sc.  
Alldritt, C.  
Allen D.  
Allman-Marchant, Miss M.E.,  
M.A. (Hons.), Dip Drama, A.T.C.L.  
Alward, Mrs Esther  
Anderson, Miss J.L., B.A.  
Armstrong, L.H., M.N.Z.I.S.,  
A.R.I.C.S.  
Ash, Miss C., M.A.  
Ashby, M., M.Sc. (Hons.)

Bach, C.R., E.D., B.Sc.  
Bach, Miss E.E.R.  
Baillie, Mrs V.K.  
Baker, D.G., M.I.P.E.N.Z.  
Baker, D.H.  
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Bannister, M.H.  
Barnes, J.R., B.D.S.  
Barnfather, R.L.  
Baskett, Dr J.J., M.B., Ch.B.,  
F.R.A.C.P.  
Baskett, Dr N.C.  
Baskett, Mrs P.A., M.A.  
Battey, M.H., M.Sc., Ph.D.  
Baynes, Miss S., B.A., M.A.  
Beever, J.E., M.Sc. (Auck.), Ph.D.  
(Leeds)  
Beever, R.E., M.Sc. (Auck.), Ph.D.  
(Leeds)

Bell, D.B.  
Bell, Mrs K.J., M.Sc.  
Bellingham, J.E., F.C.A.  
Belsham, L.R., B.A.  
Bennett, Rev D.M.T  
Bielekii, R.L., M.Sc., Ph.D.,  
F.R.S.N.Z.  
Bierre, N.W., Dip Arch., A.N.Z.I.A.  
Bishop, J.J.  
Bishop, W.N.  
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(Oxon.), C.Eng., F.I.E.E., M.I.P.E.N.Z.  
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M.B., B.Chir. (Camb.), F.R.C.S.,  
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Brett, Miss M.  
Brett, Miss P.  
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Brothers, Mrs M.P.  
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Brown, H. St.C.  
Brown, J.  
Brown, Mrs J.C.  
Browne, C.K.  
Browne, G.H., F.C.A., J.P.  
Buckeridge, J.S., M.Sc. (Hons.),  
Ph.D.  
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Bull, Miss E.L.  
Bull, Mrs M.E.  
Burrett, Mrs E.M.F.  
Butcher, Miss R.  
Buttle, J.R.

Cairns, Dr F.J.  
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D.Sc., A.N.Z.I.C.  
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N.Z.R.N., O.H.N., M.A. (Hons.)  
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Campbell, T.M., A.M.I.C.E.,  
M.I.P.E.N.Z.  
Candy, Miss L.S.  
Canter-Visscher, Mrs E.E.  
Carbutt, J.M., M.A., Dip.Ed.,  
Dip.Tchg.  
Carless, Miss M.E.  
Carr, Mrs B.A.  
Carrington, Mrs A.  
Carver, Mrs H.M., M.A.  
Cassie Cooper, U.V., M.A., Ph.D.  
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Caughy, Mrs R.H.  
Caughy, W.G.  
Chaly, Mrs P.H.  
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(Lond.)  
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Chong, Mrs S.A.  
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Cooke, D.W.L.  
Cooke, W.L., Jnr  
Coop, Dr H.V., M.B., Ch.B., D.O.,  
F.R.C.S., F.R.A.C.O.  
Corban, B.P.N., M.A., LL.B.  
Corban, Mrs L.G., J.P., M.A.,  
Dip.Ed., Dip.Tchg.  
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Corbett, Ms S.S.  
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Dingley, Miss J., M.Sc.  
Dixon, L.G.



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Donaldson, D.R.  
Donaldson, Mrs R.G.  
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Ferguson, A.R.  
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F.I.P.E.N.Z.  
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Firth, Sir Raymond., M.A., Ph.D.,  
F.B.A.  
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Fitzgibbon, T.O., M.A.  
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Fletcher, Q.W.A.  
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Gillespie, J.B., M.Sc.  
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Goodwin, Miss A.J.  
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Graham, J.S., M.A.  
Graham, Mrs M.F.S., M.A.  
Gray, Miss N.J., B.A.  
Gray, Mrs S.M., B.A.  
Green, Mrs E.A.

Griffin, Mrs G.J., N.Z.I.A., Cert.)  
Griffiths, W.G., B.D.S.  
Grimes, E., M.A.  
Grimes, R., B.Sc.  
Gunsong, D.W.  
  
Halcrow, Ms H., M.Sc., Dip.Tech)  
Hall, Rev A.H., M.A. (N.Z.),  
Dip.Tech., M.A. (Qld.), Ph.D. (Qld.)  
Hall, Prof D., M.Sc., Ph.D., D.Sc.,  
F.R.S.N.Z., F.N.Z.I.C.  
Hall, Mrs M.A.  
Hames, P.W.  
Hamilton, G.D., M.I.C.E.,  
M.I.P.E.N.Z.  
Hamilton, Mrs G.D.  
Hamilton, Miss I.M.  
Hanna, Dr D.M.  
Harding, C., J.P.  
Harper, Mrs K.R.  
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Harrington, N.  
Harvey, Mrs Z.L.  
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Hattaway, Rev R.  
Hayes, D.C.  
Hayward, Dr B.W.  
Heather, Mrs L., B.A.  
Heller, Mrs E.  
Henley, B.R.  
Henley, G.D., T.T.C.  
Henley, J.C., M.B.E., O.St.J., D.C.M.,  
E.D\*, T.T.C.  
Hensen, R.C.H.  
Hesketh, C.R., D.F.C., LL.B.  
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D.F.C., M.D., F.R.C.P.A.  
Hitcheock, Mrs J.B.,  
Hjorring, V.K., B.Sc.  
Hole, Mrs G.  
Hole, G.L., B.Arch, F.N.Z.I.A.  
Hollier, R.J., Dip. Hort.  
Hood, Mrs F.L.  
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Hooton, Prof D.J., M.Sc. (N.Z.),  
Ph.D. (Edin.), F.Inst.P.  
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Horrocks, J.A., E.D., A.C.A.,  
F.N.Z.I.M.  
Horton, H.M., M.A. (Cantab.), LL.B.  
Horton, Mrs S.  
Hounsell, L.  
Howlett, Mrs N.  
Hughes, Miss B.J., Dip.N.  
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(Chm.), A.T.C.L.  
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Hunter, Ms Z.  
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M.I., Mech.E.  
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Izard, Miss A.  
  
Jacks, H. M.Agr.Sc., Ph.D.,  
D.Sc., Dip.Ed., Dip.For., Dip.Admin.  
Jackson, A.G., M.S.I.A., I.D.S.A.,  
N.Z.S.I.D.  
Jackson, G.W., F.R.G.S.

Jackson, P.D., B.Com.  
Jackson, Dr W.L.H., M.B., Ch.B.,  
M.R.C.P.  
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Jenkins, Mrs G., L.R.S.M., A.R.C.M.  
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Jones, G.M., LL.B.  
Joyce, N.S., B.Agr.Sc.  
  
Kawharu, Sir Hugh, B.Sc., M.A.  
(Cantab.), (N.Z.), M.Litt., D.Phil.  
(Oxon.)  
Keam, Assoc Prof R.F., M.Sc., B.A.  
(Cantab.)  
Kear, D., B.Sc. (Eng.) B.Sc., Ph.D.,  
A.R.S.M.  
Keenan, T.J.  
Keith, H., O.B.E., Dip. F.A.N.Z.,  
A.M.A.  
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Kendall, R.J.  
Kerkin, E.H.  
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Ph.D., D.I.C. (Lond.), F.Inst.P.  
Kidd, J.H.  
King, J.C., LL.B.  
King, J.L.  
King, Dr M., O.B.E., M.A., D.Phil.  
Kingston, J.R.  
Kingston, Mrs J.R.  
Kinnear, R.F.  
Kirk, W.D.A., C.Eng., M.I.Mar.E.  
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(Auck.), D.Phil. (Oxon.)  
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Kivi, Mrs W.B.  
Knowling, J.E., M.B.E., B.Com.  
Komsars, J.  
Korman, H.  
Kronfeld, M.J.  
Kronfeld, R.L.  
Kuschel, G., M.Sc., Ph.D.  
  
Lambert, G.J.  
Lambert, G.S.  
Lambert, H.C.A., M.C., B.A.,  
Dip.Tech., J.P.  
Lander, Mrs M.R.  
Lawson, S.A.  
Laxon, W.A., M.B.E., LL.B.  
Leith, Miss M.R.  
Lennox-King, Cdr J.  
Le Quesne, C.J., M.Sc.  
Le Quesne, P., M.Sc., D.Sc.,  
Ph.D.  
Lethbridge, B.R., B.A.  
Leys, T.H.  
Linzey, J.T.  
Little, E.C.S., M.B.E., M.Sc.,  
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Lowry, L.  
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M.I.P.E.N.Z.  
Luckens, J.  
Luckens, P.A., Ph.D.  
Lusk, J.O., LL.B.  
McCallum, J.  
McCay, Rev S.J.D., M.A.  
McClelland, A.C., M.Sc.  
McCormack, G.V.  
McConnell, P., M.A., Dip.Ed., Lès L.  
McCusker, G.

# AIM Ann Report 1991 to 1992

- Macdonald, J.  
Maddougall, Dr M., M.B., Ch.B.,  
Dip.Ven.  
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Menzies, Mrs A.M.  
Menzies, J.S.  
Menzies, Mrs S.  
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M.I.P.E.N.Z.  
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Palmer, A.D.  
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Palmer, R.G., B.Sc., M.B., Ch.B.  
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Park, G.S., M.A., A.M.A.,  
F.M.A.N.Z.  
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Parker, D.  
Parker, J.E.  
Parkinson, B.  
Parkyn, D.  
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Paterson, Mrs I.M.  
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Patterson, Mrs N.

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Patterson, R.J.  
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Pegler, L.M.  
Penetito, W.T., B.A.  
Pennalligen, E.  
Penniket, J.R.  
Percy, C.A.  
Percy, R.J.  
Perkinson, Miss W.D., Dip.Nurs.  
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Phillips, Mrs J.A., LL.B.  
Phillips, Mrs M.  
Phillips, Mrs P.E.M.  
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Porteous, R.  
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Priestley, N.B.  
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Salt, I.H.  
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Simpson, Mrs J.A.  
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Spencer, Rev P.M., M.A.  
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Stevens, Mrs J., B.A.  
Stevenson, E.  
Stewart, I.W.  
Stewart, K.R., T.T.C.  
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Thompson, R.L.  
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Whenmouth, M.G.  
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Winter, Mrs S.C.  
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Wood, Miss Barbara L., M.A.  
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Young, M.O., Dip.Hort., B.Arch.  
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REPORT OF THE AUDIT OFFICE

TO THE READERS OF THE FINANCIAL STATEMENTS  
OF THE AUCKLAND INSTITUTE AND MUSEUM  
FOR THE YEAR ENDED 30 JUNE 1992

The financial statements appearing on pages 41 to 48 were prepared pursuant to section 13(2) of the Auckland War Memorial Museum Maintenance Act 1979 and are the responsibility of the Council. The Audit Office's responsibilities include a requirement, pursuant to Section 13(1) to express an opinion on these statements based on the results of our audit.

We conducted our audit in accordance with generally accepted auditing standards and practices, with the objective of obtaining reasonable assurance that the financial statements are free from significant errors or omissions. In our audit we reviewed the evidence to support the amounts and disclosures in the statements. We also assessed the accounting practices used.

In our opinion, the financial statements of the Auckland Institute and Museum fairly reflect:

- The financial results and cash flows for the year to 30 June 1992; and
- The financial position as at 30 June 1992.

(Peter Munro)  
for Controller and Auditor-General

3 November 1992

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**AUCKLAND INSTITUTE AND MUSEUM  
FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 1992**

The Auckland Institute and Museum is the Auckland branch of the Royal Society of New Zealand. It has two controlling bodies:

The Trust Board, established as an incorporated body to hold the assets of the Museum on behalf of the community, is responsible for the investment of Museum funds.

The Museum Council, comprising elected representatives from local government and members of the Auckland Institute and Museum, is responsible for the administration and operation of the Museum.

**STATEMENT OF ACCOUNTING POLICIES  
GENERAL ACCOUNTING POLICIES**

These statements are prepared in accordance with generally accepted accounting principles issued by the New Zealand Society of Accountants, and the Auckland War Memorial Museum Maintenance Act 1979.

Accrual accounting methods are used to measure the cost of services provided and to recognise revenues.

The measurement base is historical cost.

Reliance is placed on the fact that sufficient funds are available or will be received to maintain current operational levels.

These statements report the financial results for the following areas of significant activity:

- Public Programmes
- Collection Management

**PARTICULAR ACCOUNTING POLICIES**

The following accounting policies have been applied:

**1 RECOGNITION OF REVENUE:**

**1.1 Grants, Subsidies and Sponsorships:**

Grants, subsidies and sponsorships are recognised when eligibility has been established by the granting agency and to the extent that any conditions imposed have been met at balance date.

**1.2 Trust Income:**

Revenue is taken direct to Public Equity as part of the Trust and Bequest Funds.

**2 VALUATION OF TRADING INVENTORIES:**

Trading inventory is valued at the lower of cost and net realisable value on a first in first out basis.

**3 ACCOUNTS RECEIVABLE:**

All accounts receivable are valued at net realisable value.

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#### 4 VALUATION OF FIXED ASSETS:

##### 4.1 Museum Building and Land Lease:

The Museum building is recorded at cost, less accumulated depreciation.

No value has been placed on the unexpired term of the land leased from the Auckland City Council on which the Museum building is situated.

##### 4.2 Heritage Assets:

The value of the heritage assets disclosed in the Financial Statements reflects only the accumulated cost of acquisition for heritage assets which have been purchased. No value has been assigned to other heritage assets.

The classification of the collections as a heritage asset is based on the premise that the collections are held in trust in perpetuity for the benefit of the people of the Auckland Province in particular and New Zealand in general.

##### 4.3 Other Operational Assets:

All other assets are stated at cost, or opening valuation, less accumulated depreciation.

##### 4.4 Investment Property:

The Museum owns, through one of its trust funds, an investment property situated in Manukau City. This property is valued at net current value.

#### 5 DEPRECIATION:

All depreciation is calculated on a straight line basis. The respective rates of depreciation are:

(a) Museum Building	1%
(b) Heritage Assets	Nil
(c) Other Operational Assets:	
- Display Cabinets	5%
- Equipment	10%
- Furniture and Fittings	20%
- Motor Vehicles	20%
- Capital Work in Progress	Nil

#### 6 INVESTMENTS:

Investments are valued at the lower of cost or current market value.

#### 7 ALLOCATION OF OVERHEADS:

Overheads, accommodation and administration costs are allocated to public programmes and collection management on the basis of area occupied and employee numbers in each of those activities.

#### CHANGES IN ACCOUNTING POLICIES

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.

OPERATING STATEMENT FOR THE YEAR ENDED 30 JUNE 1992

	Note	Actual 1992 (12 months)	Budget 1992 (12 months)	Actual 1991 (15 months)
<b>GENERAL INCOME</b>				
Local Authority Levies		4,550,940	4,550,940	5,688,675
Interest		529,539	240,000	812,832
Grants		148,574	102,622	152,590
Donations		57,853	55,000	48,000
Institute Subscriptions		28,421	25,000	48,769
Miscellaneous		36,705	0	40,217
		5,352,032	4,973,562	6,791,083
<b>GENERAL EXPENDITURE</b>				
Public Programmes	1	811,579	905,897	2,220,674
Collection Management	3	3,632,511	3,476,645	3,268,936
		4,444,090	4,382,542	5,489,610
<b>SURPLUS FROM GENERAL OPERATIONS</b>	4	907,942	591,020	1,301,473
<b>SURPLUS FROM TRADING OPERATIONS</b>	5	502,008	480,000	456,739
<b>OPERATING SURPLUS</b>	6	1,409,950	1,071,020	1,758,212
<b>RETAINED EARNINGS BROUGHT FORWARD</b>		10,029,683	10,029,683	6,939,099
<b>TRANSFERS FROM/(TO)</b>				
Trust & Bequest Funds	12	325,517	(170,020)	274,338
Capital & Other Funds		0	632,144	1,058,034
<b>RETAINED EARNINGS CARRIED FORWARD</b>		\$11,765,150	\$11,562,827	\$10,029,683

The accompanying notes form part of these financial statements



STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 1992

	Note	June 1992	June 1991
<b>CURRENT ASSETS</b>			
Cash & Bank		63,348	74,863
Accounts Receivable	7	309,293	300 654
Inventories	8	335,485	336 300
		708,126	711,817
<b>CURRENT LIABILITIES</b>			
Bank Overdraft		56,677	0
Accounts Payable	9	1,025,716	454,771
		1,082,393	454,771
<b>WORKING CAPITAL</b>		(374,267)	257,046
<b>INVESTMENTS</b>	10	6,911,138	6,022,850
<b>FIXED ASSETS</b>	11	9,466,331	7,404,860
		\$16,003,202	\$13,684,756
Represented by Public Equity made up of:			
<b>RETAINED EARNINGS</b>		11,765,150	10,029,683
<b>TRUST &amp; BEQUEST FUNDS</b>	12	4,238,052	3,655,073
		\$16,003,202	\$13,684,756

W.A. LAXON      President  
G.S. PARK      Secretary

The accompanying notes form part of these financial statements.

**STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 30 JUNE 1992**

	June 1992 (12 months)	June 1991 (15 months)
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Cash was provided from:		
Levy on Local Authorities	4,550,940	5,688,675
Customer Receipts	2,545,671	2,947,499
Other sources	261,667	232,895
	7,358,278	8,869,069
Cash was applied to:		
Payments to Suppliers & Employees	5,696,830	7,087,862
Net Cash Flows from Operating Activities	1,661,448	1,781,207
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Cash was provided from:		
Sale of Fixed Assets	5,221	5,950
Sale of Shares	38,827	47,314
Interest & Dividends on Investments	831,656	1,139,844
Other Investment Income	108,921	135,140
	984,625	1,328,248
Cash was applied to:		
Purchase of Shares	42,397	55,567
Increase in Other Investments	763,596	1,837,881
Purchase of Fixed Assets	2,120,850	1,298,876
Investment Operating Expenses	0	5,822
	2,926,843	3,198,146
Net Cash Flows from Investing Activities	(1,942,218)	(1,869,898)
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Cash was provided from:		
Receipts of Trust & Bequest Funds	212,578	430,825
Net Increase in Cash	(68,192)	342,134
Opening Cash Balance	74,863	(267,271)
Closing Cash Balance	\$6,671	\$74,863
<b>REPRESENTED BY:</b>		
Cash & Bank	63,348	74,863
Bank Overdraft	(56,677)	0
Closing Cash Balance	\$6,671	\$74,863

The accompanying notes form part of these financial statements.

## NOTES TO THE FINANCIAL STATEMENTS

### 1. General Expenditure

Overhead expenditure has been allocated to public programmes and collection management on a different basis to that used in 1991. If the 1991 expenditures were recalculated on a basis consistent with this financial year, the comparison would be as follows:

	1992	1991
Public Programmes	811,579	1,020,991
Collection Management	<u>3,632,511</u>	<u>4,468,619</u>
	<u>\$4,444,090</u>	<u>\$5,489,610</u>

### 2. Public Programmes

- (a) The major features of public programmes are the exhibition of the Museum's collections, the interpretation of those collections through education programmes, liaison with and assistance to museums throughout the northern North Island, and the presentation of the Museum to the public at large.
- (b) Performance measures have not yet been established.

### 3. Collection Management

- (a) The major features of collection management are the acquisition, registration, storage, care and preservation of the Museum's collections. The Museum Library is treated as a collection management activity, although it also has an educational role in the community, and a service role to other Museum departments.
- (b) Performance measures have not yet been established.

### 4. Surplus from General Operations

This surplus is after deductions for:

	1992	1991
Audit Fees	34,000	32,000
Depreciation	438,724	295,034
Motor Vehicle Rentals	17,838	14,406
Trustees & Councillors fees	nil	nil

and after receiving dividends of \$4,502 (1991 \$4,949).

### 5. Surplus from Trading Operations

	Sales 1992	Net Profit 1992	Sales 1991	Net Profit 1991
Museum Shop	1,971,347	481,815	2,173,395	427,162
Coffee Lounge	529,985	40,355	709,069	43,568
Other	<u>44,339</u>	<u>(20,162)</u>	<u>65,035</u>	<u>(13,991)</u>
	<u>\$2,545,671</u>	<u>\$502,008</u>	<u>\$2,947,499</u>	<u>\$456,739</u>

### 6. Operating Surplus

The operating surplus for the year is applied towards ongoing maintenance and development of the Museum.

### 7. Accounts Receivable

Accounts receivable consist of:

	1992	1991
Sundry Debtors	202,813	145,874
Interest	66,536	113,844
Prepayments	<u>39,944</u>	<u>40,936</u>
	<u>\$309,293</u>	<u>\$300,654</u>

### 8. Inventories

Inventories consist primarily of retail shop stocks of gifts, souvenirs and tourist related products. Other inventories include Museum related books and publications.

## 9. Accounts Payable

Accounts payable consist of:

	1992	1991
Sundry Creditors	504,448	138,034
Annual Leave and Retirement Gratuities	<u>\$21,268</u>	<u>316,737</u>
	<u>\$1,025,716</u>	<u>\$454,771</u>

## 10. Investments

	1992	1991
Term Deposits		
– Auckland Savings Bank Ltd	551,142	498,015
– Bank of New Zealand Ltd	4,874,628	4,264,295
Other Bank Deposits	1,074,934	974,798
Shares in Public and Private Companies	408,037	283,345
Local and New Zealand Government Stock	<u>2,397</u>	<u>2,397</u>
	<u>\$6,911,138</u>	<u>\$6,022,850</u>

## 11. Fixed Assets

	Cost or Valuation	Accumulated Depreciation	Book Value 1992	Book Value 1991
(a) Museum Building	2,959,293	28,933	2,930,360	2,735,354
(b) Heritage Assets	2,719,629	0	2,719,629	2,382,708
(c) Other Operational Assets:				
Display Cabinets	973,527	213,463	760,064	773,760
Furniture & Fittings	1,424,744	675,485	749,259	322,180
Equipment	1,040,876	368,787	672,089	664,730
Motor Vehicles	44,301	21,275	23,026	31,886
Capital Work in Progress	861,904	0	861,904	0
(d) Investment Property	<u>750,000</u>	<u>0</u>	<u>750,000</u>	<u>494,242</u>
	<u>\$10,774,274</u>	<u>\$1,307,943</u>	<u>\$9,466,331</u>	<u>\$7,404,860</u>

### (e) Museum Building Valuation:

The latest available Government valuation of the building dated July 1988 was \$11,500,000.

### (f) Heritage Assets Valuation:

A complete survey of the Museum's collections was undertaken during the year. This inventory listed 2,728,408 objects with an estimated replacement value of \$559,232,000. Management considers this estimate to be conservative.

### (g) Other Operational Assets:

Capital work in progress costs of \$861,904 have been incurred in planning for the Museum's future through restoring the existing building, introducing themed attractions, and developing a business plan. These costs relate principally to architectural plans, engineering services, quantity surveying fees, market research, public relations, business planning, display planning and project management fees. They have been included under operational assets pending a final decision by the Museum Council and Trust Board on the future direction of the project. It is anticipated this decision will be taken in February 1993. These costs will then be depreciated over the estimated useful life of the project.

### (h) The investment property in Manukau City was valued by Guy, Stevenson & Petherbridge in July 1992 at \$750,000. This value has been applied as at 30 June 1992, and is the only property of the Museum valued by that valuer.



## 12. Trust and Bequest Funds

	Balance 1991	Movements In Capital	Income	Expenses	Expenditure for Trust Purposes	Balance 1992
W L Cooke Family Trust	990,399	0	99,204	0	(39,840)	1,049,763
Edward Earle Vaile Trust	586,914	241,666	116,335	(9,834)	(79,493)	855,588
W A Heap Library Trust	185,999	2,968	8,230	0	0	197,197
L A Spedding Bequest	1,217,912	9,094	97,707	0	(102,890)	1,221,823
T I Whitney Trust	0	178,586	577	0	0	179,163
Other Trusts and Bequests	<u>673,849</u>	<u>113,600</u>	<u>75,252</u>	<u>(2,653)</u>	<u>(125,530)</u>	<u>734,518</u>
	<u>\$3,655,073</u>	<u>\$545,914</u>	<u>\$397,305</u>	<u>\$ (12,487)</u>	<u>\$ (347,753)</u>	<u>\$4,238,052</u>

Movements in Trust and Bequest Funds Capital consist of:

Bequests, Donations & Grants received during the year	294,153
Revaluation of Trust Investment Property	241,666
Unrealised Loss on Share Investments	
– Beginning of year	144,081
– End of year	(104,835)
Realised Loss on Share Investments	<u>(29,151)</u>
	<u>\$545,914</u>

Transfers from/(to) the Operating Statement consist of:

General revenue transferred from the Operating Statement	24,889
General expenditure funded from the Operating Statement	(2,653)
Expenditure of funds for trust purposes	<u>(347,753)</u>
	<u>\$ (325,517)</u>

## 13. Commitments & Contingent Liabilities

(a) At 30 June 1992 lease commitments were as follows:

(i) not later than one year	26,338
(ii) later than one year and not later than two years	15,427
(iii) later than two years and not later than three years	6,000

(b) At 30 June 1992 there were no contingent liabilities (30 June 1991 nil).



